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VOLUME XL
NUMBER 3

CALGARY, ALBERTA
MARCH, 1944

FORTIETH YEAR OF SERVICE TO WESTERN AGRICULTURE



MOTORISTS!

**Apply NOW for your new gasoline
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On March 31, the present gasoline licenses and ration coupon books will expire. After that date no gasoline will be sold except on the presentation of a 1944-45 ration book.

In his own interests, every vehicle owner is asked to apply *at once* for a new license and ration coupon book for each of his vehicles. Application forms must be completed *in detail*.

Commencing April 1, under the 1944-45 rationing plan, the operation of which will be basically the same as that now in effect, all non-commercial vehicle owners will again be allowed a basic "AA" gasoline license and ration coupon book, containing 40 units for a passenger car, or 16 for a motorcycle. Similarly, owners of vehicles eligible for a "Special" category, who can prove their need, will be granted an extra vocational allowance, fixed in advance for the year ending March 31, 1945. In determining the extra allowance—which will be measured to individual needs—the previous category and mileage of the car will not necessarily be an important consideration.

When you receive your 1944-45 gasoline ration book, guard it carefully. Do not leave it in your car. If, because of your negligence, it is lost or stolen, it may not be replaced.

The shortage of gasoline is still acute. Do not apply for a "Special" category unless your need is urgent.

To assure themselves sufficient graded gasoline to carry on normal business activities after March 31, operators of commercial vehicles are also urged to complete *at once and in detail* the required application for each of their vehicles.

On and after April 1, service station attendants will not accept gasoline ration coupons unless the license plate number of the motor vehicle for which they were issued is *written in ink* on each coupon. Every motor vehicle must also display on its windshield a 1944-45 sticker indicating the category of the coupon book submitted at the time of the purchase. To obtain a gasoline license and ration coupon book, secure an application form at your nearest Post Office. Study the form and follow carefully the instructions contained therein.



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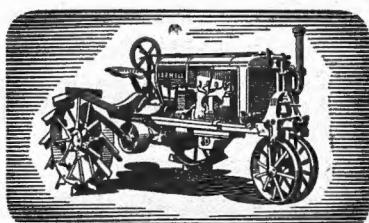
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Farm Problems Stated

Canadian Federation of Agriculture Makes Comprehensive Submission to Federal Cabinet

MEETING the Prime Minister and eight members of his cabinet in Ottawa, February 8, following the eighth annual meeting of their organization in Quebec City, January 26-29, officers of the Canadian Federation of Agriculture made a comprehensive statement of the problems of farmers, and submitted recommendations for the easing and relief of them.

The Federation statement said that the wheat policy which came into effect on September 28 last, was received with general satisfaction. The present initial payment for wheat, which is accompanied by the issuance of participation certificates, is regarded as satisfactory.

At the same time, the action of the government in providing that the Wheat Board shall handle all wheat, together with the suspension of speculative trading in this important food commodity, has met with general approval.

Surplus stocks of wheat, which many regarded as a national burden in the earlier war years, can now be seen in their true light as valuable reserves of raw material, not only for food, but also for feed and for industrial purposes.

At the end of the current crop year Canada's wheat carryover will represent probably 50 per cent of the world's reserve stocks, and it may be confidently anticipated that this stockpile will provide an important part of Canada's contribution to the vital work of relieving distress of the victims of war.

There is a strong demand for wheat at present and it would appear that the prospective disappearance for the current year is likely to be much greater than was earlier anticipated, the statement said.

In connection with coarse grains, and having regard to recent events in the marketing of these, the Federation recommended that the Canadian Wheat Board, which has control over the delivery and transportation of these grains, should now be authorized to act as the sole marketing agency, and that the initial payments to growers be fixed at the present ceiling prices, without disturbing the advance equalization payment arrangements now in effect.

Post-War Plans

The Federation of Agriculture in its submission supported the views recently advocated by the sub-committee for agriculture of the national re-construction committee. It endorsed the recommendation made in the reconstruction report as follows:

(a) That the policy of the Canadian Farm Loan Board be extended and that it be encouraged to make new loans on a less conservative basis than it has previously adopted, and at the lowest possible rate of interest;

(b) That the act to establish a central mortgage bank be again examined with the view to putting it into operation as a medium for refunding exist-

ing loans, of which a very large number must still be refinanced;

(c) That a plan be developed suited to the nature and requirements of agriculture in Canada for short-term and intermediate loans.

Board is Sought

The Federation repeated its request of former years that the Federal Government establish a Board of Livestock Commissioners, with powers and duties similar to those of the Board of Grain Commissioners. It requested that the said Board be empowered to administer under the Department of Agriculture, the Livestock and Livestock Products Act, and that the members of the Board be appointed in consultation with organized agriculture.

The Board should be empowered to make such levy on the products under the jurisdiction as may be necessary to defray the cost of the Board's operations, the Federation said.

The attention of the government was called to the disabilities suffered by livestock producers from time to time when congestion of transportation facilities, packing plants, or cold storage prevent livestock in process of marketing from being disposed of, when delivered for sale at the normal point of slaughtering. As an instance, during the past few months, hogs produced in Western Canada have been shipped 2,000 miles or more by rail to Eastern packing plants. In such cases producers should not be expected to bear the loss resulting from shrinkage, damage or death.

The Federation statement continued:

Since the heavy increase in hog production was secured as a result of a national campaign for increased production, we recommend that the Meat Board, or some other appropriate government agency, should create the necessary machinery to provide full protection against loss from the foregoing sources, and that settlement should be made to the producer at the time of delivery to the primary market.

Cattle Not Protected

We are also of the opinion that existing price control regulations do not provide adequate protection to cattle producers. Certain classes of cattle are to-day selling below the floor prices.

It should also be pointed out that favourable weather conditions this winter have enabled producers to maintain an orderly movement of cattle to market. It is obvious that any break in weather is likely to bring a rush of cattle to market, which would inevitably accentuate the congestion in packing plants. In addition we do not anticipate any reduction in cattle population during the current year, and adverse weather conditions late next fall may easily force large numbers of cattle on to the market at the same time as spring litters of hogs. It was therefore recommended that the government gives serious consideration to re-opening the United States market for live cattle. (Continued on page 26)

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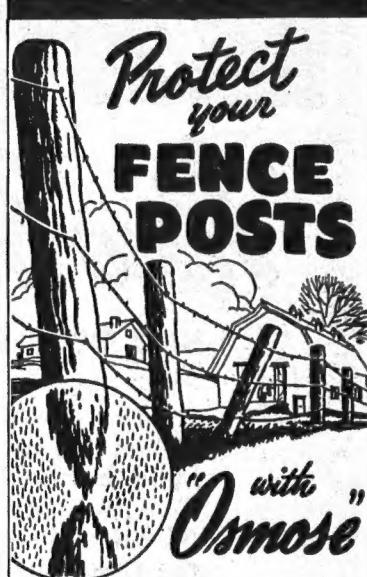
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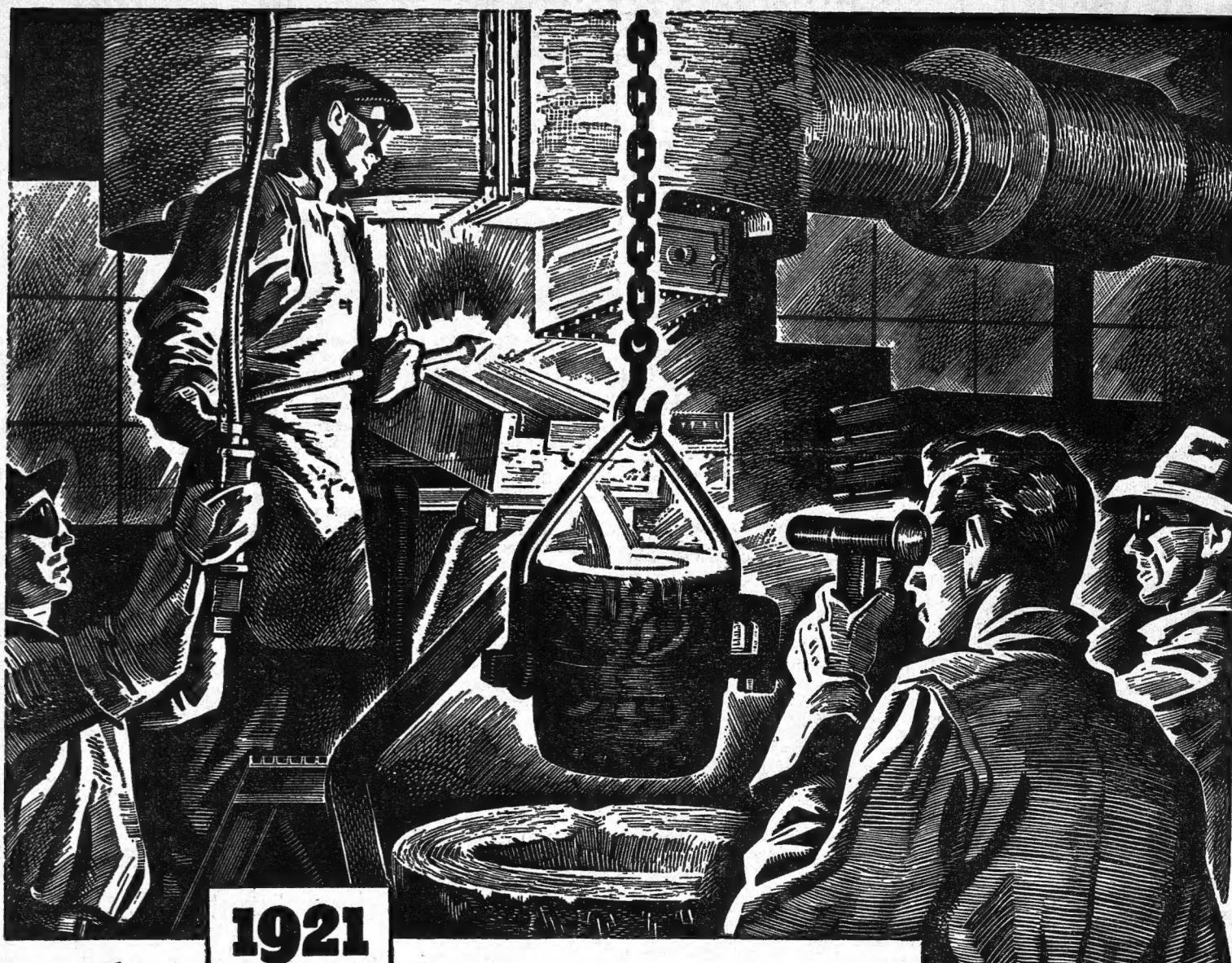
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But the men who managed these properties could foresee possible new markets for Canadian Nickel in the growing automobile, electric, radio, chemical and other industries. They organized a Research and Development department to work with engineers in these industries, and to promote the use of Nickel and its alloys wherever better materials were required.

Shortly, operations were resumed. In 1924, the Nickel

industry opened a new mine. In 1926 it began enlarging its smelting and refining plants. Within a decade it was paying out 15 millions of dollars a year in Canada for wages.

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Number 3

BY THE SWEAT OF THY BROW

In the early days of mankind everyone worked in a family unit and there was always a limited amount of barter, i.e., exchange of products. With invention and specialization the barter system gradually increased in volume and was presently found too cumbersome. Money was invented. Goods and services were henceforth valued and paid for in currency instead of in kind. We were then able to purchase what we needed and when we needed it, or could save part of our purchasing power for the "rainy days."

But behind any and each of these systems was the fundamental obligation to work — to give value — for what we received in goods, services or currency. The introduction of money did not change that condition in the very least. Money was merely a sorely needed mechanical contrivance to facilitate buying, selling and accounting. And that is all it is and ever can be, as far as I am able to see.

THE GOLD STANDARD

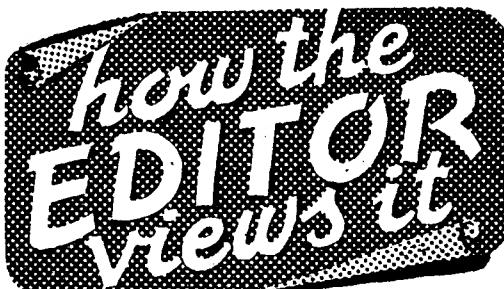
To prevent unscrupulous governments from abusing the privilege of issuing paper money, the nations of the world found it advisable to make paper currency redeemable in gold at an agreed valuation. A few Oriental countries use silver. Gold was selected because it was scarce and therefore valuable and is also indestructible and easy to transport.

When any country buys more from another country than it can settle for in selling goods abroad, it must ship gold as a commodity to cover the balance. International trade is purely and simply barter. Our monetary system is still on the gold standard and will so remain as long as we buy and sell abroad. The fact that the exigencies of war have compelled most nations to discontinue redemption in gold internally is of no particular significance.

Our internal trade is also a simple barter proposition. It is misleading and confusing to think in terms of money. We exchange our own goods and services for those of others, merely using currency in the accounting process. And that is all there is to it. Our very existence is based on useful production and on production only. Without adequate production we starve and freeze even though we possess bales of five dollar bills. The more we produce as a nation the higher our standard of living and general welfare could be.

CHAOS REIGNING SUPREME

Just picture what would happen if freedom of speech and the press were permitted under a collectivist system. A socialist government would, of course, be forced to assume the responsibility of placing each one of us in gainful occupation. Perhaps we would be consulted. Perhaps not. At any rate, nearly everyone would desire to enter the most popular



and promising occupations in the most attractive localities. That is human nature. No one would apply to be absorbed by the garbage collecting or street-cleaning services. The government could not please everyone and would always have to be "tough".

Wages, salaries and working conditions would be fixed arbitrarily by the government, and with no "butting in" of labour unions. Housing would be allotted by the State and the general standard of living would have to conform to the dictation of the State. Imagine, if you can, the multitude of real and imaginary grievances rankling in the mind of almost every citizen. Supposing complete freedom of expression were tolerated there would be an indignation meeting on every street corner every night. The newspapers would be full of abuse of the government. The whole country would seethe with dissatisfaction and rational administration would become impossible. *Lenin became a dictator by virtue of necessity. In spite of the comprehensive new Soviet constitution of 1938, Stalin has not yet contrived to figure out how he can give effect to Article 134 and confer freedom on his people without plunging Russia into indescribable chaos. He never will.*

The wisdom of governments is after all no greater than the wisdom of the very ordinary individuals who frequently happen to compose them. I suspect that no man or group of men chosen to govern us, or seizing power by force, could ever be wise enough to manage our money and plan our economy for us. The infinite variety of human affairs, the infinite desires and aspirations of millions of self-willed people, with their prejudices, their hopes and fears, their loves and hates and ambitions, are too much for any central government to direct and regulate wisely and well.

The citizens left to themselves, but under wise and effective control, are likely to produce a healthier, happier and more

contented society. *Socialism is not, in fact, a forward movement at all. It is a reversal to ancient economy and feudalism long discarded by the freedom-loving democracies, which have during the past century, whatever may be their faults, raised the standard of living of the common people to an almost fantastic extent.* We should hesitate before we destroy a system which has, on the whole, conferred infinite benefits on mankind.

ENVY AND HATRED

Political leaders in North America generally specialize in public appeals upon criticism of people, groups and institutions, instead of confining their remarks to constructive argument. This form of public appeal has become so popular that we now take it for granted. That sort of an atmosphere is, of course, meat and drink to the professional demagogue who is at his best, or worst, when vocally lambasting and insulting all and sundry. The most successful kind of politics is apparently to erect and create objects of contempt and hatred. The "interests," the "big shots," the "financiers," and so forth. We seldom ask any detail and gaily swallow the most ridiculous perversion of facts and applaud vociferously.

Too many of us have, in fact, become criminally gullible. South of the line any Townsend with a \$2,000 pension for everybody over 55 years of age, any Huey Long, any crank who can pick out some inoffensive class as an object of hatred and promises something for nothing — no matter how preposterous his plan is — can always count on the support of millions of thoughtless, though otherwise intelligent, people. We are almost equally credulous in Canada. Mixed up with all this is, of course, envy of those better off than we are.

This systematic appeal to class hatred and intolerance, gradually undermining, as it does, public confidence, constitutes a serious menace to our political and social institutions. The moment a genius like Henry Ford, or dozens of others one could name, has, starting with his bare hands, built up a great and useful industry, employing thousands of people at high wages, he immediately becomes the object of the poison pen and tongue and is presently nominated as a public enemy.

In the northern countries of Europe, all, by the way, for many years under socialist government, where the ordinary people are fairly well educated, and not at all afraid to express their opinions, such successful men are highly honoured and respected by all classes and moreover enjoy universal popularity. The blatant demagogue cannot get a hearing. He generally provokes laughter. Here we generously bestow hero worship almost exclusively on our baseball and hockey players. Class hatred is to my mind the silliest and most futile of human emotions. It is also dangerous. Western Canadians are not ignorant people. Why do we not exercise common sense?

THE editorials appearing on this page were written by the late C. W. Peterson, prior to his sudden death, February 4.

The publishers assure their readers and advertisers that no change of policy concerning this publication will be made as a result of the passing of the former Editor-in-Chief.

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Planning for Future of Farming

Report of Sub-Group of National Advisory Committee on
Reconstruction Is Tabled in Commons

RECOMMENDATIONS concerning reconstruction in Canada after the war were tabled in the House of Commons recently. The views presented were those of a national committee under the chairmanship of Dr. F. Cyril James, principal of McGill University.

Of great moment to Canadian farmers was a report of a sub-committee on agriculture contained in this submission. Over long period of months a strong committee has been at work under the chairmanship of Donald G. McKenzie, former Minister of Agriculture for Manitoba, formerly vice-president, United Grain Growers Ltd., and now chairman, Board of Grain Commissioners.

The farm sub-committee's report was comprehensive. It dealt with improved credit facilities for farmers; research to discover new uses for farm products; overseas' markets and land classification.

In connection with farm credit the report said that the Farm Loan board could make effective an interest rate of four or $4\frac{1}{2}$ per cent without loss to the government and be a greater factor in contributing to the security and stabilizing of the farming industry and in forcing interest rates generally to a lower level.

Land Classification

In planning for post-war agricultural reconstruction, the first step should be a complete classification of all agricultural lands, based on soil and economic surveys. Sub-marginal lands should be restricted from settlement and used only for such purposes as are consistent with their productive capacity.

The Canadian government should take the lead in promoting an international policy of freeing trade relations and a standing committee should keep under continuous study means of expanding Canadian trade.

The government should seek to have wheat made a free-trade commodity through the world, with a national wheat marketing council to promote increased export of wheat and wheat products. The council would be financed by an initial appropriation from federal funds and later by an annual levy of not more than one-half of one per cent of the value of wheat exported.

In seeking to retain present markets for cattle, cheese, bacon, apples, poultry and other farm products, the government should be ready to make arrangements to facilitate payment by other nations, the committee said.

Seventeen Points

Food export commitments similar to those now in effect with the United Kingdom should be negotiated to bridge the transition period after the war. Action should be taken in the domestic field to see that prices are held at reasonable levels during this period.

Other recommendations:

1. National marketing legislation should be considered for application if necessary.

2. All governments should use "all reasonable means" to encourage the organization and development of co-operative activities in relation to agriculture.

3. Modern, efficient and well-organized terminal market facilities should be established in larger urban centres.

4. Research on farm-product utilization should be extended.

5. A new government-supported laboratory on use of farm products, with facilities for pilot-plant investigations, should be established in the prairies. A similar research service on central and eastern Canadian agriculture problems should be established by the National Research Council and Federal Agriculture Department.

6. Dominion and provincial officials should confer on a central authority over inter-provincial truck traffic; and the Dominion should consider subventions to provinces for the construction of market roads of a specified minimum standard.

7. A federal council should be established to shape nutrition policies and encouragement should be given to the supplying of milk and hot lunches to children at school. Consideration should be given to a plan like the United States "stamp plan" to increase consumption of nutritional foods by low-income families.

8. Widened economic research should be carried out and consideration be given to financial help to agriculture colleges, with appropriations for experimental work, and increased research in the national sciences.

9. Extended facilities should be provided for agricultural vocational training and extension services.

10. Expanded research on land utilization, with legislation similar to the Prairie Farm Rehabilitation Act, should be made applicable to agriculture throughout Canada.

11. Soil surveys should be made prior to land settlement and consideration should be given to increasing the density of population in desirable areas rather than new settlement in less-promising districts.

12. Consideration should be given to assisting farmers' sons to establish themselves on a farm and the placing of settlers on farms which are for sale or rent because of the advanced age or infirmity of the present operators.

Housing Is Needed

13. A housing scheme to provide homes for farm help and assistance to farmers in building and renovating farm dwellings and obtaining labor-saving household devices should be instituted.

14. A national home-beautification programme, including the painting of buildings on farms and in villages, should be started.

15. The Dominion government should study the need of assisting rural electrification, with possible loans to provinces.

16. A national survey should be made of efforts to promote handicrafts.

17. The Dominion should encourage development of community cultural and recreational centres in rural areas.

The Dominion government should give early consideration to the establishment of a central mortgage bank, either under the existing act or a revised act, and the services of district agricultural agents should be used for valuation and administrative purposes, the report suggested.

The Dominion and provincial governments should encourage and support credit unions in recognition of their contribution in meeting the short-term credit needs of agriculture.

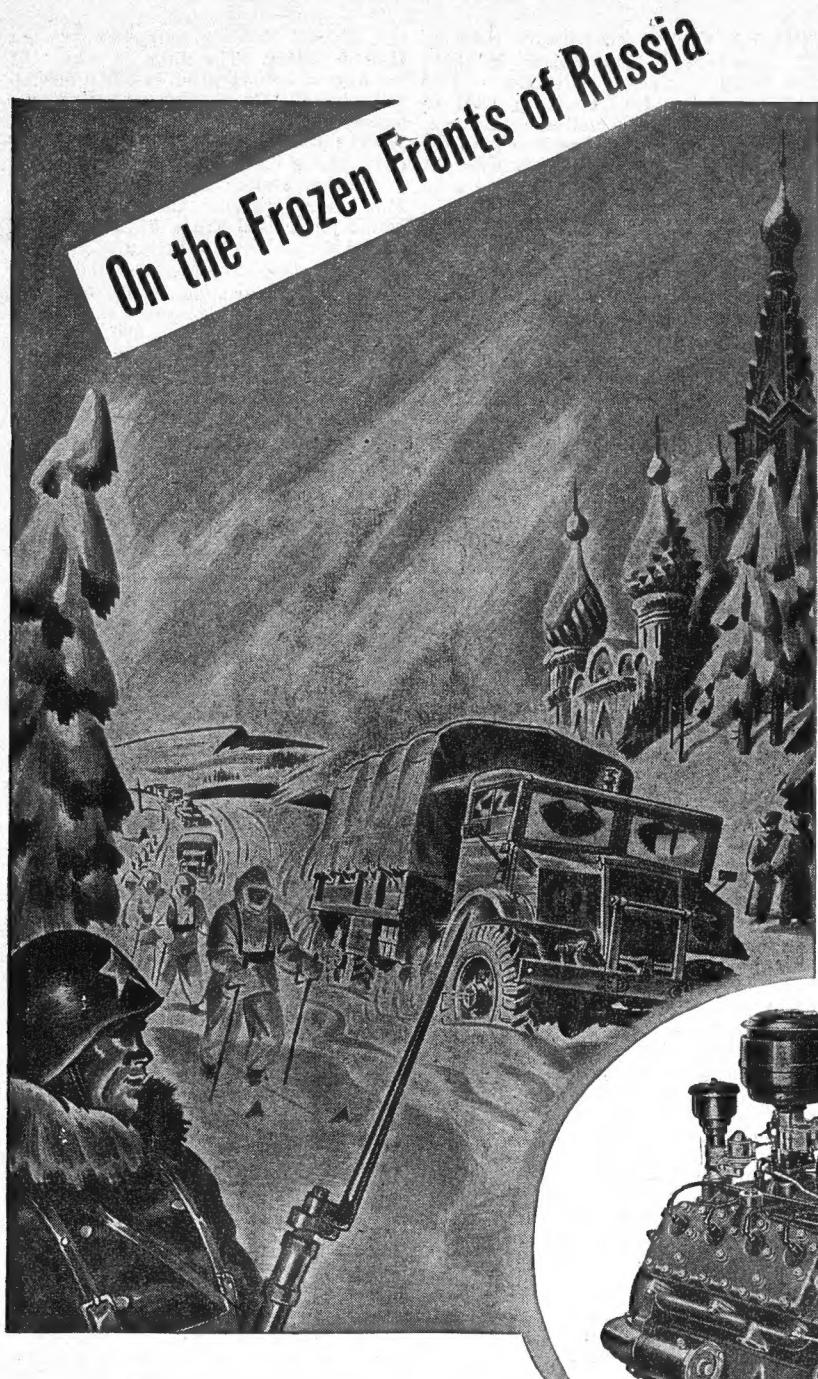
The committee said it supported the findings of an international food conference in the United States last year by urging the reduction of every kind of trade barrier and the adoption of

(Continued on page 8)

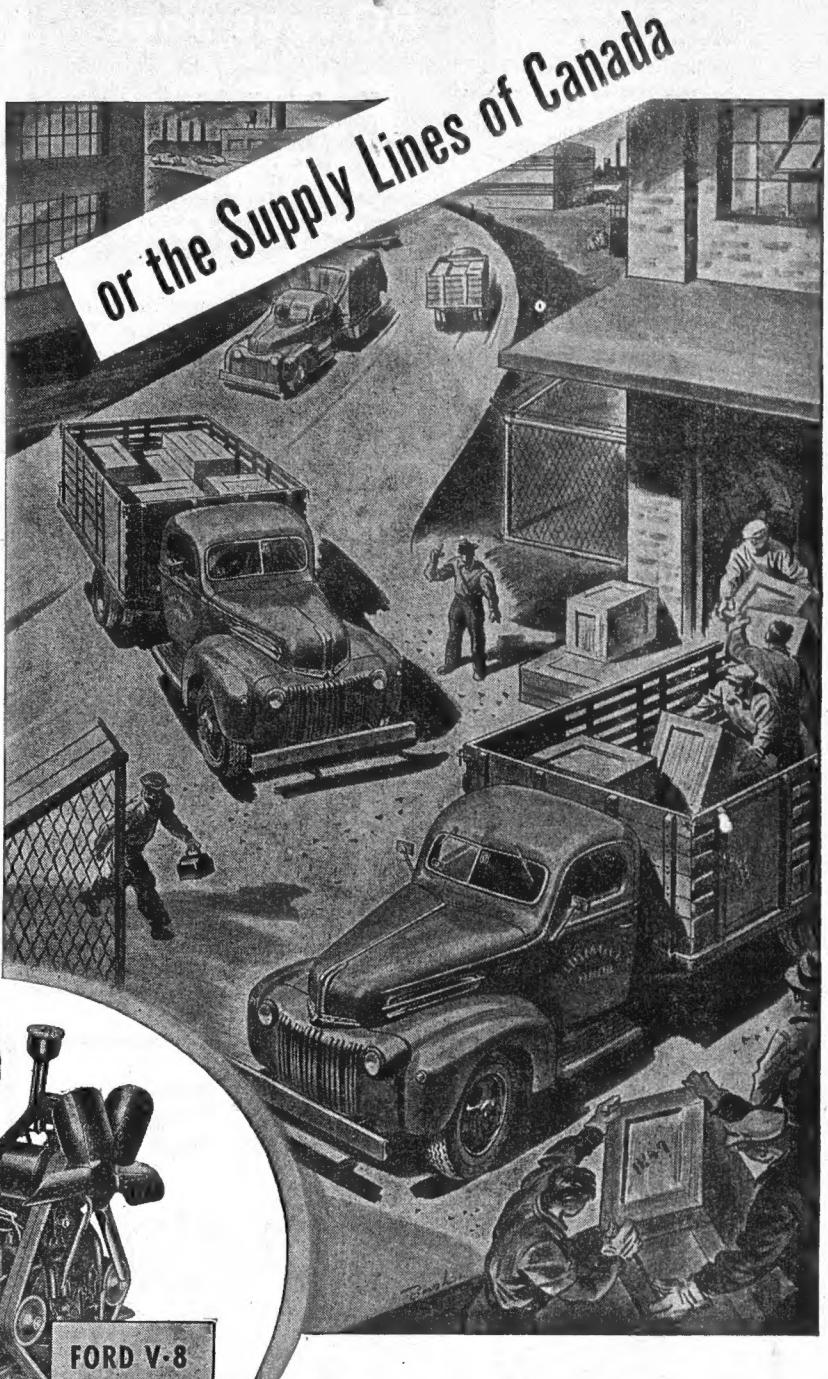
This blueprint of a sounder farm industry for the post-war years is worthy of the careful study of every farmer and the members of his family.

It is probably the most important recommendation ever made concerning Canadian agriculture.

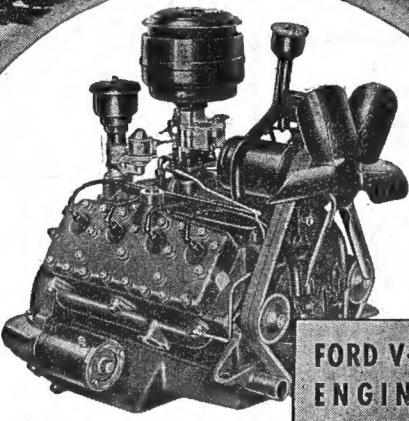
THE EDITOR.



On the Frozen Fronts of Russia



or the Supply Lines of Canada



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CANADA

Comments on Wheat

THERE will be no bonuses paid by the federal government in 1944 for wheat acreage reduction. This policy was put into effect in 1941 to cut down wheat production in Canada. In that year \$4.00 an acre was paid for reduced wheat acreage which was put into summerfallow and \$2.00 an acre if it was put in grains or grasses. The policy was continued in 1942-43 on a flat \$2.00 per acre basis. The total paid out in the first two years in Alberta was over \$15½ million, in Saskatchewan over \$30 million and in Manitoba over \$8 million.

Canadian wheat supplies are diminishing. At the commencement of the present crop year total supplies approached 900 million bushels (601 million bushels carryover and 293.6 million bushels production of 1943), the United States has expressed the intention of importing 175 million bushels of Canadian grain. Great Britain is a steady buyer, Russia needs all the wheat that can be sent to that country, Greece, Portugal, Erie and Italy need substantial supplies so that the Canadian carryover will be down substantially.

Evidently the federal government does not fear a continuation of the glutted conditions in wheat and hence the decision to end the wheat acreage reduction bonus policy. Even if Canada has a large carryover the United States surplus will not be large. The livestock population of the U.S.A. is at record-breaking figures and Canadian wheat and other grains are sure to be in demand by the United States for many months to come.

Canadian wheat and grain sold to the United States at prices ranging from lows of \$1.41, \$1.38 and \$1.36 for 1, 2 and 3 Northern, to highs of \$1.47, \$1.44 and \$1.42 for the same grades, all basis in store at Fort William, U.S. buyers pay the freight from Ft. William. This means that there will be further payments on participation certificates covering the 1943-44 wheat deliveries.

The visible supply of Canadian wheat on February 11th totalled 344.4 million bushels, which is 112 million bushels below the figures for the same date a year previous. Visible wheat supplies can readily be tabulated but it is a different situation with "invisable wheat"—wheat in farm bins. The opinion has frequently been expressed that when the final reckoning is made, the total bushelage of wheat stored on farms will not come up to the government estimate.

for animal feeding purposes in the United States. The duty on wheat fit for human consumption is 42c a bushel, but the C.C.C. previous to the new legislation had been importing wheat from Canada and Argentina free of duty under its feed wheat programme.

Another announcement made by Mr. McKinnon was that the price of flax would be raised from \$2.50 to \$2.75 a bushel for No. 1 Western at the terminal, commencing August 1st, 1944. The purpose of this is to maintain flax production in Canada.

Improved conditions are reported from the United States main winter wheat belt, heavy snowfalls being experienced, followed by low temperatures. The snow will provide badly needed moisture and will also protect the grain from frost damage.

CANADIAN wheat is being sold in the world markets for prices up towards \$1.50. This statement was made in the house of commons by Hon. J. G. Gardiner, minister of agriculture. He was replying to the charge that the government had stopped a rise in the price of wheat by fixing it at the \$1.25 level.

Said Mr. Gardiner, My honorable friend leaves the impression that a price of \$1.25 a bushel has been established for wheat and that this price cannot go up. No such thing has been done. What this government did last September was to place a floor under the price of wheat for two years, until July 31st, 1945, on wheat taken in after September 28th, 1943. We guaranteed that for every bushel of wheat delivered to the elevators we would pay on the basis of \$1.25 No. 1 Northern, Fort William; and then what do we say with regard to that wheat? We say that this wheat, differing from the wheat which is to go under mutual aid or to countries to which we are giving relief, is to be sold for what it will bring. I am not in the position at the moment to state what the price is but I submit that this wheat is being sold at considerably more than the floor price which has been referred to... wheat is being taken in by the government on a guaranteed floor of \$1.25 a bushel and is being sold in the markets of the world for prices up towards \$1.50. Every farmer who delivers a bushel of wheat under this programme is given a participation certificate which entitles him to the earnings of the wheat which is being delivered to the markets of the world at the present time or which will be delivered in future.—"The Budget," Alberta Wheat Pool.

BUTTER QUALITY UP

DURING 1943, the Canadian creamery industry not only produced more butter than ever before, but also made substantial improvements in quality. In Canada as a whole, 84.75 per cent of all butter graded was found to be of First Quality, or 3.15 per cent greater than in 1942.

PLANNING FOR FUTURE

(continued from page 6)
methods to reduce costs of distribution in international exchange.

Canada would be called on for heavy relief food supplies immediately after the war. Afterwards, trade expansion and agricultural prosperity would depend on the extent to which foreign markets were available as a result of lower trade barriers on basic food-stuffs.

Steps should be taken to see that Canadian beef cattle again found their place in the United States market—the normal outlet. In the absence of increased cheese trade with the United States, and rapid decline in wartime export trade would make adjustments in the Ontario and Quebec dairy industry very difficult.

The search for new outlets for farm products is of primary importance, said the report.

Recent **HAPPENINGS**

Announce Seed Fair

THE Alberta Department of Agriculture has announced its second Provincial Junior Seed Fair to be held at the School of Agriculture at Olds, on March 10, 1944. Under the Regulations only one quart of grain is required for an exhibit so that the preparation of the sample need not be an endurance contest, but rather a contest in skill. Any farm boy or girl with a fairly good sample of grain may prepare a one-quart exhibit with a reasonable amount of effort. Prizes are offered for Wheat, Oats, Barley and Flax, and are provided jointly by the Provincial and Federal Departments of Agriculture.

The excellent display of high quality seed in 1943 has justified an expansion of the prize list. Separate classes are now provided for Malting Barley and Feed Barley, while prize awards in all classes have been increased. All farm young people from the ages of 12 to 22 (inclusive), are eligible whether or not they have participated in Junior Club work. Special prizes are offered to new exhibitors.

The careful examination and handling of grain in the preparation of an exhibition sample have a practical value to farm youth. They develop greater discrimination in appraising the merit of grain and seed, and establish an ideal toward which to aim in crop production.

Why not prepare an exhibit for the Provincial Junior Seed Fair this year? It will be an interesting and useful experience. The requirements are easy to meet; no entry fee is charged; just mail your exhibit in time to arrive at Olds by March 1.

Name Federation Officers

AT the recent annual meeting of the Canadian Federation of Agriculture in Quebec City, H. H. Hannam, Ottawa, was re-elected as president and was also named as managing-director.

Colin G. Groff, a native of Manitoba and former western newspaperman, was appointed secretary. Mr. Groff, for the past two years, has been associated with the information services of the Wartime Prices and Trade Board. He was earlier a participant in publicity activities in Alberta and the Maritimes.

W. J. Parker, president, Manitoba Pool Elevators, was elected first vice-president, and other western members of the executive are: A. H. Mercer (British Columbia), Lew Hutchinson (Alberta), J. H. Wesson (Saskatchewan), and R. S. Law (Manitoba).

• • •

NEW CBC GOVERNOR

WAR Services Minister LaFleche announced recently in the Commons that William J. Parker, 44, of Winnipeg, president of the Manitoba Pool Elevators, has been appointed a member of the Canadian Broadcasting Corporation's board of governors.

Gen. LeFleche said Mr. Parker is a practical farmer, a graduate of Manitoba Agricultural College, a governor of the University of Manitoba, a veteran of the Royal Flying Corps in the First Great War, and now is vice-president of the Canadian Federation of Agriculture.

Mr. Parker's appointment leaves one vacancy on the board.

Mr. Parker was born at Sanford, Man., and was elected president of Manitoba Pool Elevators in December, 1940. He also is vice-president of the Canadian Co-operative Wheat Producers Ltd., and a member of the Dominion Food Advisory Council.

He was chairman of the Manitoba Crop Insurance Committee organized by the Government of John Bracken before Mr. Bracken became leader of the Progressive Conservative Party.

• • •

Plan Social Security

RECOMMENDATIONS of wide schemes for social security and health services were made when the inter-sessional committee appointed to continue study of social and health services begun during the last session of the Saskatchewan Legislature, met recently, at the Legislative Building. The committee composed of B. D. Hogarth, Hon. J. M. Urich, M.D., Hon. Hubert Staines, W. G. Baker, J. Benson, A. C. Stewart, K.C., and O. W. Valleau, agreed to recommendations to be made to the legislative committee when re-constituted at the next session of the Assembly.

The inter-sessional committee considered evidence submitted last session, together with minutes of proceedings of the Federal Committee on Social Security. It agreed to recommend that the reconstituted committee urge the provincial government to make representation to the Federal authorities for special consideration of the problems peculiar to this province, in any national health scheme evolved. If no national scheme should materialize, however, the committee suggested that the provincial government be asked to consider extension of a general health scheme on the basis of existing municipal health and hospital schemes to all municipalities and local improvement districts in the province.

It was suggested that in order to finance any scheme of health insurance, or the alternative municipal health plan, the government should consider increasing the public revenue tax and the retail sales tax, especially the tax on luxuries though special attention would have to be given to the matter of exemptions. A poll or stamp tax was also suggested.

The authority established to administer any health insurance scheme set up should be requested to discuss with the medical association the question of reduction of professional fees. The committee agreed that a fully-equipped medical college should be established as soon as possible as a part of the University of Saskatchewan, and that government assistance be given students to ensure attendance. It was recommended that the reconstituted committee be urged to go on record as

MORE SHELLS AVAILABLE

ALTHOUGH there will be three times as many shotgun shells produced in 1944 as in 1943, this increased production will still stand at less than 70 per cent of a normal pre-war year's output.

Based on experience of the first year of rationing small arms ammunition, the Wartime Prices and Trade Board is making slight changes in the order governing distribution to essential users. In this, advantage will continue to be taken of advice from provincial governments and from such associations as the sheep breeders' organization.

Certain types of ammunition no longer produced, but still in stock will be removed from the ration.

Also, authorized purchasers such as licensed trappers, plant guards and municipal police forces must now obtain prior approval for their purchases, from Local Ration Boards or branch ration offices. Approved and outstanding essentiality certificates expired December 31, 1943.

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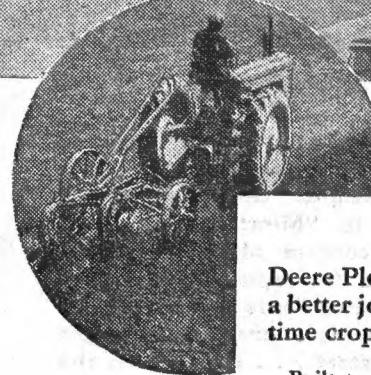
PRODUCTION VALUE DOWN

THE total gross farm value of all field crops produced in Canada in 1943 on 60,345,000 acres is estimated at \$1,104,065,000, compared with \$1,179,073,000, the estimated value of 1942 crops produced on 60,809,200 acres in 1942.

being in favour of a national permanent disability and old-age pension scheme, with a contributory feature, this pension to be granted to all persons at the age of 60 without means.

They're Big Guns

on **FOOD** **the FRONT**



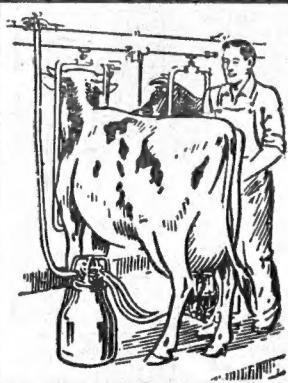
ON every food front John Deere Plows are "big guns" that are doing a better job of preparing seed beds for wartime crops.

Built to meet the peak demands of peacetime farming, John Deere plows have the strength and stamina to carry on the biggest seed bed making job in our country's history. In good work, strength, clearance, long life, and ease of operation and adjustment, John Deere Plows are stand-out leaders with farmers everywhere. See your John Deere dealer for complete information on John Deere Plows; he'll give you the complete story on the type and size matched to your needs and to your power.

JOHN DEERE, Moline, Illinois

BUY MORE BONDS ★ GET IN THE SCRAP

A GREAT ADVANCE in MILKING



THE DE LAVAL SPEEDWAY METHOD OF FAST MILKING

- MORE MILK
- TIME SAVING
- LESS STRIPPINGS
- HEALTHIER UDDERS
- BETTER SANITATION
- PLEASES THE COW

The De Laval Speedway Method of Fast Milking . . . consisting of six easy steps . . . is the greatest advance in the science of milking since the introduction of the modern milking machine. It accomplishes all of the highly important results shown above . . . by fitting the milking operation to the cow's natural principles of milk "let-down" and ejection.

Any dairyman using a milking machine can improve his results by following the De Laval Speedway Method of Fast Milking . . . which, however, is most effective when used with the fast milking De Laval Milkers. Write your nearest De Laval office below for complete information on the De Laval Speedway Method of Fast Milking.

TAKE GOOD CARE OF YOUR DE LAVAL SEPARATOR



New De Laval Separators are now available . . . but observance of the following points will help your present De Laval to give you the longest, most efficient service which was built into it.

1. Use only De Laval Separator Oil and check lubrication system as directed.
2. Wash bowl and tinware immediately after each time separator is used.
3. Turn bowl nut down firmly.

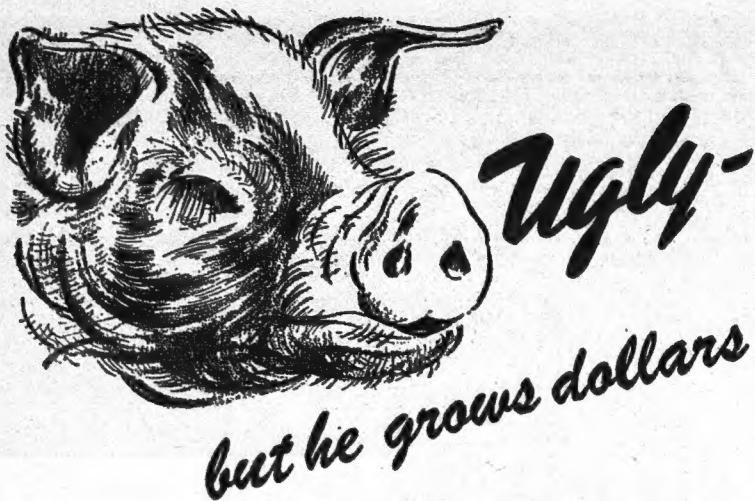
THE DE LAVAL COMPANY, Ltd.

PETERBOROUGH

MONTREAL

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If it's Ogilvie
it's good!

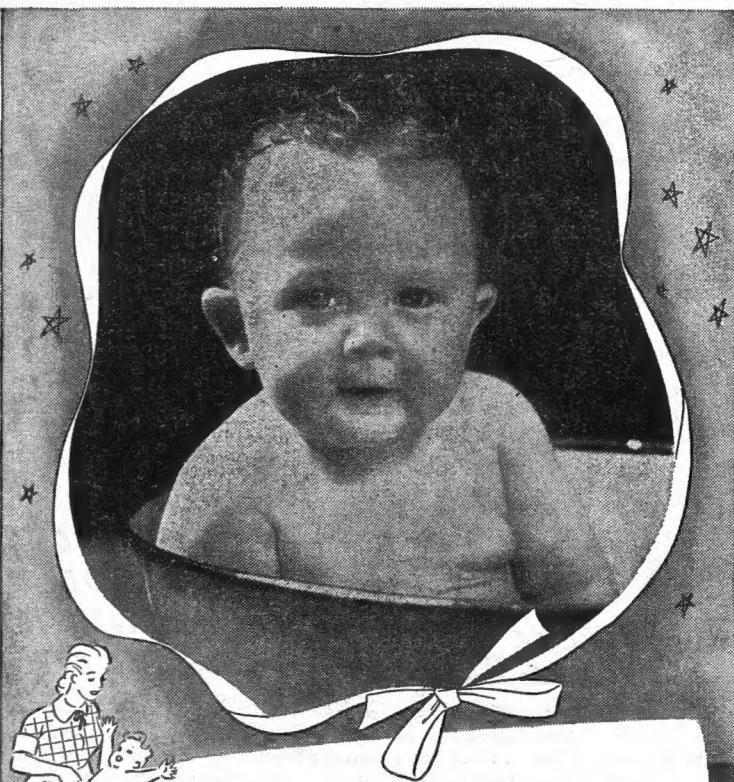


The growth in "dollars" to you depends on how fast this pig reaches market weight. Ordinary feeding won't do it. "Miracle" Hog Feeds however, contain all the essential ingredients for rapid growth! Feed "Miracle" Hog Feeds and watch your pigs come fast and strong right from the start . . . then watch the "dollars" grow!

"MIRACLE"
HOG FEEDS

44-2 THE OGILVIE FLOUR MILLS COMPANY LIMITED

Serve by Saving! Buy War Savings Certificates



Hold on, Little Fella—
we're coming!

Yes, babies have felt the impact of war just like the rest of us. Their big trouble has been the diaper shortage. It's been difficult for them and their Mothers, because our looms were busy making hundreds of vital military items. But we're beginning to switch gradually back to some civilian production, and diaper cloth is high on our list of urgently needed goods.

No, the stores will not be bulging with diapers next week—that won't happen till the war's all over. And you have to remember that as we produce more there will likely be a let-up in importations.

The general supply picture will only change slightly. But more of those long-time favourite Canadian-made goods will be available.

DOMINION TEXTILE COMPANY LIMITED
"Colonial" Sheets, Towels and Pillow Slips and Magog Fastest Fabrics

How the FARMERS view it

FOR more decades than I can remember, I have been studying and courting socialism in part, without marrying it, and, like thousands of others, I am still "all wet", as a farmer, I'm ditched.

Persons who will indignantly deny they are socialists will, at the same time vehemently uphold all public utilities, such as rail transportation, telephones, gas, water, light, power, etc.

Premier Drew, of Ontario, after blasting C.C.F. Coldwell by air, press, platform, etc., has now announced that, in the public interest, he is taking over the entire Toronto stock yards; and Premier Godbout, of Quebec, states he is also taking over the richest, largest and most powerful monopoly in eastern Canada, viz., "the Montreal, Light, Heat and Power Co. and all its subsidiaries with billions of dollars involved," and the Dominion Government passed legislation and orders-in-council to protect farmers, but yet allow those S.S.B. "bureaucrats" to evict their old loyal soldier settlers. Why?

Sir, I'm puzzled, Coldwell, C.C.F. proposes these things and is condemned. Drew and Godbout do it and are acclaimed.

Why is it, that if this fish is swimming in a government national stream it is a "Rainbow Trout", but if it leaves the stream it at once becomes a predatory jackfish, or a "Socialist Sucker"? Any answers to above points only?—De-La-Pole, Rochfort Bridge, Alta.

★ ★ ★

I watch, through the year, for the most humorous or the most foolish statement made by any public man in Canada. There's amusement in searching for the best or the worst.

This year Mr. Stanley Knowles, M.P., Winnipeg North Centre, wins the bun.

Challenges Statement He was speaking at The Pas, during the recent by-election, advocating sweeping increases of expenditure on social services.

Someone asked if these additional expenditures—and the C.C.F. counts on spending seven times more than the pre-war total—would not increase taxes. His reply was that the government would make so much profit out of industries taken over that all taxes could be abolished.

The investment income of the people of Canada would not begin to pay the annual pre-war expenses of the government and the government through its income tax already takes almost half of this. Not half the corporations in Canada make money and the government, if it owned them all, would have to lose with those which lost as well as gained with those which gained.

Stocks and bonds are owned by corporations, municipalities and life insurance companies and form a part of trust funds for the care of the weak and unfortunate—more trouble here for Mr. Knowles!

Was this remark of the member for Winnipeg North Centre humourous or foolish—not every member of the House of Commons is wise—all the time.—R. J. Deachman.

★ ★ ★

ALL farmers in the West know that it has been very difficult to obtain machinery and repair parts during the past summer. Some men have not even been able to obtain plough shares and many summer-fallows have been worked late or not received the cultivation that was necessary owing to the shortage of machinery and tractor repairs.

The Alberta Farmers' Union has received complaints from farmers who have waited for months for repairs and waited in vain. Now, we have the Administrator of farm machinery, Mr. H. H. Bloom, be-

ing reported as saying that farm equipment has not been curtailed as a result of regulations and rationing; and then he goes on to say the situation has been improved. Both statements cannot be right! Mr. Bloom is touring the West and says he hopes to get a first-hand picture of the supply situation among the farmers of the West. But he does not go to the farmers to get it, or the farmer organizations. No, he goes to the implement associations. He made no attempt to consult the representatives of the farmer organizations, although the head office of the Alberta Farmers' Union is in Edmonton where he was speaking and the Secretary of the Alberta Federation of Agriculture was also in Edmonton at that time.

The present hog situation is another case. The farmers increased their hog production at the request of the Government in order to support the War Effort. The Alberta Farmers' Union asked for Parity Prices for hogs more than one year ago. Other people were saying that we were asking too much or that Parity could not be defined. Now, after more knowledge has been obtained they are supporting the increased price which we asked for. Because they realize it is necessary for continued production. In the meantime the Government has increased the price of all grain which puts the hog raiser at a greater disadvantage than before and unless the recommendation of the live stock meeting sponsored by the Alberta Federation of Agriculture which asked for \$20.00 per 100 at Alberta points is granted promptly a heavy liquidation in breeding stock will take place.

Had a Parity Price been granted when we asked for it the hog industry would have been maintained and a steady flow of good quality hogs would have been coming forward all the time.

Organized farmers as well as labour have been ignored as sources of information when the Government set up its various boards and it is impossible to have co-operative action when the reasonable requirements of the producers are ignored.—H. E. Nichols, Secretary, Alberta Farmers' Union, Edmonton.

★ ★ ★

THERE seems to have been a special dispensation of providence on behalf of the western farmers during the last six or eight weeks. I refer to the weather with regard to livestock tie-up in our packing plants in Western Canada. The situation at the moment is that there is the most serious congestion existing at all our packing plants.

With regard to hogs every effort is being made to compel the farmer to keep his bacon hogs back on the farm despite the obvious fact that when a hog is ready for market at the desired weight, it must be marketed or the farmer faces a very rapidly increasing loss if he continues to feed his hog full rations, or very serious deterioration if he reduces his feed. He cannot market his sows at all. All this in reward for the almost incredible increase in the production of bacon and pork products in the war years.

With cattle the situation is not quite so bad but still very serious. The only thing that has saved us so far from an appalling loss is the above said divine blessing of the fine weather conditions prevailing over the west this fall. Farmers who are short of feed for the winter months are still in the main endeavouring to graze their marketable cattle on the stubble fields, thereby avoiding, as long as this weather continues, a most disastrous congestion at our packing plants.

The whole story is one of a federal government "wait and see" policy. Months ago, together with other farm bodies, we warned the government of the developing crisis. Weeks ago we again appealed to them for action. Now that crisis is here.

The recent statement by the Federal Minister of Agriculture to the effect

(Continued on page 12)

STATE operation of life assurance is not new; it has been tried in different countries and has not been a success. Arthur B. Wood, president and managing director of the Sun Life of Canada, made this comment in Montreal early in February as he presented the Company's seventy-third annual report to policyholders.

Mr. Wood was referring to the plans of so-called political reformers whose avowed aim is to abolish the existing economic system and replace it by a socialistic state. The value of life assurance to the individual and the community is recognized by these people and no criticism has been made of life assurance itself. Nevertheless, they advance the claim that the business should be operated by the state, toge-

ther with other large financial and business operations. In our country, however, the Governmental annuity scheme has proved itself to be not self-supporting. Expenses of its operation are not being charged against it and, in addition, it costs about two million dollars a year of taxpayers' money to keep it going.

Mr. Wood also pointed out that state insurance had been tried in Great Britain where, after more than 60 years of effort, only 12,000 contracts were in force, and in 1928 the scheme was discontinued.

In New Zealand, a country which is constantly referred to as an outstand-

ing example of the application of the socialistic system, the Government, after vigorous operation of a state insurance department over many years, has secured only about 20 per cent of the total life assurance business of the country, the remaining 80 per cent being distributed among private competitive companies. The only conclusion to be drawn from these examples and others, added Mr. Wood, was that where there is freedom of action and open competition, the people's choice is with the private companies.

Mr. Wood, in the course of his re-

marks, stated that payments to policyholders during the year exceeded \$74 million, including \$10 million dollars in respect of dividends on participating policies. \$1,629 million has been paid to Sun Life policyholders and beneficiaries since organization. During 1943 over 60,000 life assurance policies and annuities were added to the books and assurances in force now stand at \$3,173 million. The distribution of the business in force is as follows: Canada, 81 per cent; United States, 42 per cent; Great Britain and other British countries, 21 per cent; other countries, 6 per cent. New life assurance policies issued during the year amounted to \$214 million, an increase of \$18 million as compared with 1942. The Company has over 1.8 million policies and group certificates in force.

Wood Reports Progress



THE GREAT BRITAIN YOU TRULY ARE

• They have said she is isolated by the enveloping sea. But she has used it to join the hands of millions.

They have said she is fortified only by ships. They err. She is fortified by the strong hearts of her sons.

Proud in arms, with a mighty heart, Great Britain has withstood a thousand storms and will again. For hers is the strength of millions whose valour springs from a birthright of freedom.

Mother of parliaments, they call her . . . champion of justice and right.

We of her soil and of her blood and of her tutelage say this today: the world is in her debt for the part she has played in yesterday's eras of peace and progress. It will be so in the peace and progress to come.

We of Canada salute the Great Britain you truly are!

THE HOUSE OF SEAGRAM

We of The House of Seagram are proud of the part we are playing in supplying Great Britain with vital weapons of war. Every Seagram plant in Canada and the United States is engaged in the production of high-proof alcohol for smokeless powder, synthetic rubber and many other war-time products.



Farmers May Need To Borrow More Than Usual

The 1943 crops, now safely harvested, are available for the needs of a world at war. In 1944 the world demand for food products will be enormous.

If you need to borrow more than usual to produce more food than usual—field crops, livestock or dairy products—do not hesitate to talk to the manager of our nearest branch.

BANK OF MONTREAL
FOUNDED IN 1817

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NEW MIRRORS Made to Order, Any Size or Shape

THE BENNETT GLASS CO. LTD.

M 1778

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CALGARY

LIFE ASSURANCE FIGHTS INFLATION

Policyholders' savings important contribution to War Effort and Post-War Reconstruction



One of the many distinctive services performed by Life Assurance in these urgent times is the mobilization of the people's savings against the insidious but none the less devastating enemy—**inflation**. Thus millions of men and women, advised by a worthy and highly-trained group of their fellow-countrymen who "sell" Life Assurance, withhold their savings from the luxury market and set them aside to secure protection and well-being for themselves and their loved ones in the unknown days to come.

In the past year alone, the million policyholders of the Sun Life of Canada have set aside \$112 millions of their savings in the form of Life Assurance premiums.

During the war years there has been a marked increase in the basic service rendered by Life Assurance—personal and family protection in the time of greatest need. The Sun Life of Canada, since September 1939, has paid out 365 million dollars to policyholders and beneficiaries, a really significant contribution to the stability of national family life in time of emergency.

FROM THE 1943 ANNUAL REPORT

New Assurances	\$ 214,292,080
Assurances in force	3,173,417,467
Benefits Paid 1943	74,057,495
Benefits Paid since Organization	1,629,863,441

Copy of the Annual Report for 1943 will be sent to all policyholders, or may be obtained from:

J. A. ISBISTER, C.L.U., Branch Manager,

Southam Building, Calgary

SUN LIFE of CANADA

Foresees Post-War Place for Wartime Mechanics

After the war thousands of men now in the armed forces of Canada, who have had exceptional military mechanical training, will be demobilized. How many of these men can, by special vocational training in agricultural mechanization, be readily adapted to an agricultural works improvement programme, merits immediate special attention, Dr. E. S. Archibald, Director, Dominion Experimental Farms, told the delegates who attended the Annual Convention of the Canadian Federation of Agriculture, recently held in Quebec city.

These highly trained mechanics with skill and courage, he said, may be adapted to works programmes fundamental to a better agriculture, for example in land drainage schemes which entail machinery such as ditching machines, drag lines, bull-dozers, carry-all scrapers, various types of caterpillar tractors, and many other types of machinery which have not been adapted to agricultural problems, but which can be economically used in a large-scale development programme. This same training with the same types of machinery applies to flood control measures, soil conservation and other problems which require skilled engineers, soils experts, and trained mechanics in numbers far beyond any previous conception.

There is still another aspect of mechanical training as applied to agriculture which may be embodied in such national agricultural improvement works programs, including rural artisans' services such as carpenters, blacksmiths, machinery repair men, plumbers, electricians, and the like. That these have almost disappeared from rural communities has, without doubt, been due to the fact that the

farmer has been in no position to carry on such works improvements.

If a better agriculture is to be hoped for, which means improvement in our land, buildings, homes and community centres, and our rural educational institutions, these artisans may well be established as part of our rural structure to the advantage of the nation as a whole.

Referring to the need for advanced agricultural college training in the post-war years, Dr. Archibald said the need will be really great for high-class graduate men in industry, based on agricultural products, more practical farming, more rural education in schools and high schools, and in many expanded phases of government activities in post-war works programmes.

These men will include those requiring the highest type of training in the sciences pertaining to agriculture, including many intricate phases of research on which the future agriculture of Canada is so dependent. The agricultural colleges are not ready for such a huge task, and their need for these graduate students in release of buildings, more buildings, and more highly trained staff is obvious.

Erosion—Man's Enemy

SAYS Dr. H. H. Bennett, Chief of the Soil Conservation Service, U.S. Department of Agriculture, in *The Maryland Farmer*, January: Erosion is an enemy of all mankind. It, together with other things, has already reduced the total supply of arable land throughout the globe to about four billion acres. These four billion acres—some poor, some indifferent, and only about one million really good—must supply the food needs of two billion people. This ratio of two acres per person, nutritionists tell us, is below the needed minimum of $2\frac{1}{2}$ acres per capita to furnish an adequate diet. It behoves men everywhere to guard their remaining soil treasure—and through friendly co-operation to share this global task and its fruits.

Injurious to Farmers

(From "The Budget")

THE experience of Canadian farmers during and subsequent to the Great War of 1914-18 demonstrated that inflation is exceedingly harmful to the farming industry, consequently all farmers should be interested in the present fight to prevent inflation being maintained in Canada and the United States.

During an inflationary period farm prices always go up earlier and faster than other prices. Farm costs, meanwhile, lag behind. That was true the last time. It was early in 1920 before some farm costs caught up with or passed prices. Thus other classes in the community, notably labour, suffer most in the early stages of inflation. In the ultimate, however, farmers are the worst sufferers.

When the first deflationary bump came in 1920, farm prices led the process down just as they had let it up and again they went faster and farther, but this time farm costs never did drop as far as farm prices. This downward spiral of farm prices was not weeks and months ahead, it was years ahead of the decline of farm costs. In fact, some farm costs such as farm taxes, farm mortgage debts and interest payments kept on increasing for several years after the 1921 break in prices. Not until the depression of 1929 did some of these costs really begin to drop.

During the twenties, farm taxes got as high as $2\frac{1}{2}$ times the pre-war rate, city wages $2\frac{1}{2}$ times and farm machinery charges two-thirds above pre-war figures. When these costs did finally level off, they stayed significantly above the pre-war level.

The long depression really got in its worst licks on land values and the prices of farm products, in fact thousands of farmers between 1921 and 1933 saw the accumulated savings of a lifetime disappear.

No farmer who remembers the bitter experience of the last post-war period wants to see this kind of inflation again. He knows that prices pushed up by speculative influences or other distortions cannot be sustained. No farmer wants another 1921 nor 1932. One way to prevent major economic depressions is to prevent the inflation which precedes them.

Rabbit Repellent

TREES can be protected against rabbit damage by the application of a repellent composed of 8 pounds of powdered rosin and one gallon of denatured ethyl alcohol. The rosin should be bought in the lump and crushed with a wooden mallet. The rosin and the alcohol should be stirred until dissolved. Under no circumstances must the solution be heated. A small brush is used to apply the repellent to the trees. The bark must be absolutely dry. All parts of the trees which can be reached by the rabbits during the winter should be treated.

HOW THE FARMER VIEWS IT

(continued from page 10)

that organized labour was slowing things up in the plants is refuted by the fact that these same plants are processing more meat than ever before.

Three things can and should be done to meet this situation. More labour, skilled and unskilled, must be put into our packing plants. The United States outlet should be opened immediately, thereby affording at least some measure of relief, more particularly with regard to feeder cattle and some types of hogs. All this with due regard to the fact that in the north-western States some congestion has developed.

Finally, some measure of compensation should in ordinary justice, be paid to the farmer who is forced to retain and feed his stock on the farm long after they have been finished for the market.

To you people in the cities and towns, may I say this: Put yourselves in the shoes of us farmers as we bring our livestock to our delivery points to find that they must be taken back home again. The plants are full. Here there is too much meat. We go to our cafes and restaurants for our dinner and supper. It is Tuesday and here there is no meat.—Jack Sutherland, Vice-President, United Farmers of Alberta, Hanna, Alta.

Grain Mites Active

HEAVY damage to farm grain this winter is feared. J. L. Eaglesham, Alberta's Supervisor of Pest Control, believes that many farmers may be disappointed when preparing to make delivery of grain which has been stored for a considerable time. All bins of grain, and particularly of wheat, should be examined every fortnight to see that mites are not active in them. Cases have recently come to light where hundreds of bushels which were thought to be safe as a bank account have been found reduced to mouldy refuse because of mite infestation.

The presence of mites can be detected readily. A rod, or better a rod with a thermometer attached, can be used to probe the bin in several places, especially towards the centre and directly beneath any roof leaks. In this way, crusting, heating and damp conditions which are symptoms of mite damage can be located. If just a rod is used it should be left in the grain for about ten minutes, then felt with the hand when it is withdrawn. Destruction by this pest is surprisingly rapid and complete, and unless detected and counteracted promptly, serious losses will occur. Grain which was stored in a damp condition, and grain stored with considerable green weed seeds are especially vulnerable.

Mite damage can be arrested by shovelling or lifting the grain from one bin to another in cold weather. A fanning mill or a power-driven grain elevator, from the floor of which a section has been removed and replaced by a section of screen, is very effective. The more the grain is aerated, screened and cooled, the more effective is the treatment and the more lasting the results. All screenings should be destroyed. They are a source of reinfestation. It is dangerous to feed "mitey" or mouldy grain to live stock.

• • •

Dairy Farmers Praised

FOR maintaining total milk production during 1943, Canadian farmers were entitled to a very great measure of credit in view of circumstances, particularly in connection with labour and the feed situation in some parts of the country, declared J. F. Singleton at the Interprovincial Dairy Conference held recently at Saskatoon. Mr. Singleton is Associate Director of Marketing Service, Dairy Products, Dominion Department of Agriculture, and Chairman, Dairy Products Board, and at the conference reviewed the Canadian Dairy Industry and Trade during 1943.

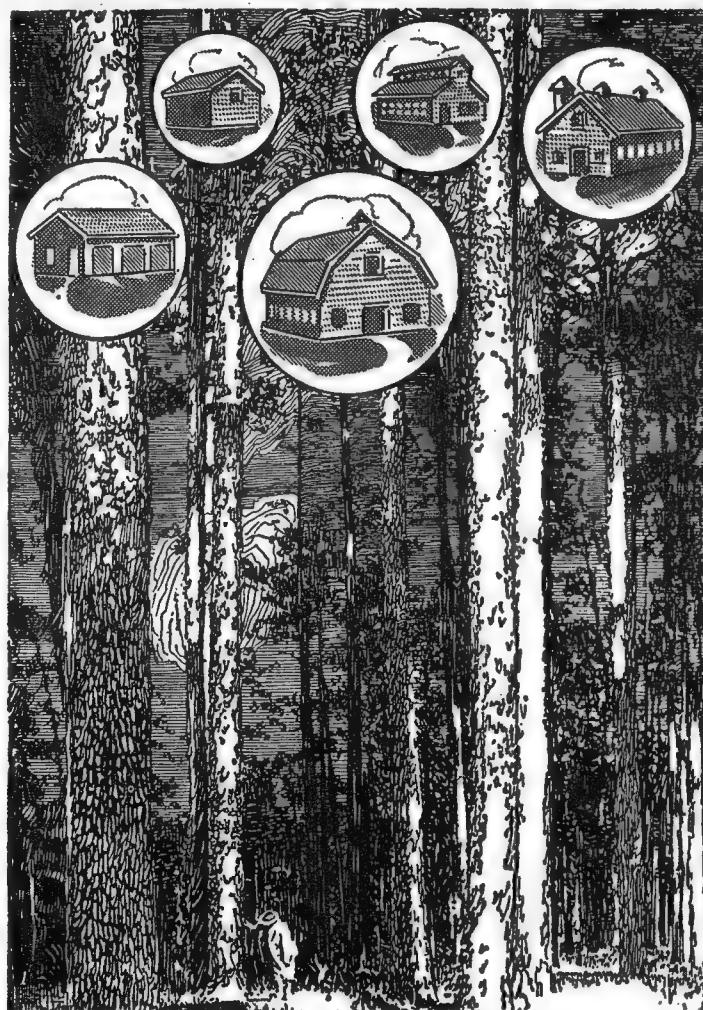
Since war commenced, said Mr. Singleton, there had been an important increase in volume of annual total milk production in Canada, and also there had been striking changes in the extent to which milk had been utilized for various purposes. Statistics of total milk production must be based partially on estimates. Reasonably accurate statistics of production in dairy factories were available and the milk equivalent of the production could be calculated. There were some unknown factors entering calculation of total milk production, as for example, milk used on farms, total milk sold for fluid consumption and volume of dairy butter made. It was estimated that total milk production in Canada during 1943 was approximately the same as during 1942, and about 11 per cent greater than in 1939.

There had been a remarkable increase in the volume of milk sold, he said. Accurate statistics were not available, but it was estimated by some that the volume of milk used for that purpose during 1943 was approximately 20 per cent greater than the volume used in 1942. A survey by the Wartime Prices and Trade Board of the 70 most populous cities and towns in Canada indicated that the distribution of fluid milk in those centres was approximately 20 per cent greater than a year earlier. In considering the increase in volume of milk used for distribution in the fluid milk trade or for other purposes, it should be kept in mind that the total volume of milk produced during 1943 was approximately the same as that produced in 1942.

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KLING-KOTE plus ONE COAT OF
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2-COAT PAINT SYSTEM

While Our Boys Do the Fighting—Let's Do the BUYING.
Get Your Share of WAR BONDS and STAMPS.



Many
Buildings
Would
Still Be
STANDING
TIMBER
but for
THE
BEAVER
LUMBER

War effort and export quotas have taken such a great percentage of Canada's normal lumber production, that, in order to make materials available for essential civilian work, it was necessary to produce more lumber.

So, to supplement the production of the established operators, and to provide lumber for farmers to store grain and raise livestock, Beaver Lumber financed new cutting and milling operations, and succeeded, to some extent, in providing lumber for the needs of the local community — a difficult task of which we are justly proud.

Our customers, appreciating the situation, have accepted the lumber we have made available—not always what they would want—and have "made it do," knowing it was the best to be had.

To enable us to serve you better, you are invited to bring your building problems to your nearest Beaver yard as early as possible. You are assured of receiving the best advice, assistance and materials available.



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A Chartered Bank is ONE WHICH COMPETES WITH NINE OTHERS for your business

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A chartered bank is the custodian not only of your money on deposit but also of your secrets concerning that money.

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It is called "chartered" because its permission to do business and the conditions and restrictions under which it may do business, are contained in a charter granted and kept up-to-date by parliament, the finest democratic free institution of government that man has yet devised. This charter is an Act of Parlia-

ment laying down all of the conditions which safeguard your money.

Ten competing chartered banks are the very opposite of a State Monopoly such as would come about if all the banks were rolled into one by nationalization. Under State Monopoly, if you failed to get accommodation at the one bank, you could not go to any one of nine others to seek it. **You can today.**



THE CHARTERED BANKS OF CANADA

Background OF THE WAR

By THE EDITOR

PRIME MINISTER CHURCHILL, in his first 1944 report on the war before the British House of Commons, February 22, declared that the air campaign against Germany will reach a scale far beyond the dimensions of anything which yet has been employed or even imagined. The Prime Minister suggested the crushing of the enemy's resistance by long-range bombers operating from the British Isles and Italy.

In the days preceding and since the address of Britain's wartime leader, some indication of what is to come to Germany from the skies has now been seen. Tremendous areas of Berlin have been completely razed. Hundreds of tons of incendiary and block-buster type bombs have been poured upon her heavy industry plants. As a result her sinews of war have been greatly weakened. In one night Leipzig received 2,800 tons of bombs from R.A.F. and R.C.A.F. planes totalling in the neighborhood of 1,000, while a similar number of United States bombers placed 2,000 tons of bombs in the air over Stuttgart in one night.

The tempo of the air-war waged by the United Nations indeed has been stepped up, in effectiveness as well as volume; General Henry H. Arnold, commander of the United States' air forces estimates that the operations of his forces alone at Leipzig, Gotha, Bernburg, Brunswick, Halberstadt, Tutow and Oschersleben, knocked out 25 per cent of Germany's fighter plane production. All authorities agree the bombings on Germany during February were devastating to the industry of the chief Axis nation.

London Is Hit

It was inevitable that the enemy attempt to retaliate on Britain, and for the first time in many months Nazi bombers dropped bombs on London and in adjacent areas. The weight of the attacks was not comparable with those of the Battle of Britain in any respect; nevertheless many casualties resulted with considerable damage.

Rocket guns and pilotless aircraft, both spoken of frequently as possible mediums to be used by the Germans, have not appeared, although the Prime Minister, in his Commons address, suggested the enemy is preparing on the French coast, new means of attack on this country. Vigilant Allied air commands are constantly striking at all evidence of any such preparation.

Truk, described as the Pearl Harbour of Japan in the East, took a heavy pounding from United States forces the middle of last month, and heavy damage was inflicted upon the Son of Heaven's battleships and destroyers. Many were sunk. The attack was carried forward by carrier-based planes.

Truk (pronounced Trook) has been something of a mystery place, even the keen-eyed and ever-active United States' naval intelligence seeming to know none too much of the fortifications and services there. Truk is 915 miles west of Kwajalein, 135 miles southeast of Guam and a little more than 1,800 miles from Tokyo. It is a volcanic chain of more than 200 islands which surround one of the finest war fleet bases in the entire world. The Japanese secured the island, along with others, from the Germans in 1914, and immediately began to fully survey and later equip with radio stations.

Navy communiqué dealing with the action made delightful reading:

"The Pacific fleet has returned at Truk the visit made by the Japanese fleet of December 7, 1941, and effected a partial settlement of the debt."

The result reported by United States navy heads is as follows:

Nineteen Japanese ships sunk, including two light cruisers, three destroyers, one ammunition ship, one seaplane tender, two oilers, two gunboats and eight cargo vessels. Probably sunk; seven vessels, including a cruiser or large destroyer two oilers and four cargo ships. A total of 201 planes were destroyed, 127 in combat

and the remainder on the ground, and airfield runways and shore installations were bombed and machine gunned. American losses were 17 planes. Only one ship of war was damaged—and this one only moderately.

The westernmost Japanese base of the Marshalls, Eniwetok, also was heavily attacked. Eniwetok is 750 miles northeast of Truk. Following systematic bombings, task forces were landed and quickly cleared the island of Japanese forces.

Events at Truk and elsewhere in the central and southwest Pacific seem to definitely indicate that the American plan now consists of bold occupation of selected keypoints, irrespective of where these may be. The older practice, one much criticized, of "island-hopping" seems to have passed. Allied forces have substantially reduced the distance between their bases and the heart of Japan.

Germans Exterminated

The entire German front in Russia has continued to roll back under the relentless pounding of the Soviet's armies. The 10 German divisions trapped between the Dneiper River and the Wehrmacht line, have been slowly exterminated. A Russian reporter, writing of this gigantic phase of the expulsion of the Nazis from his country, a phase bloody and merciless, writes:

"No roads. All are covered by bodies and the debris of battle. The enemy dead has been stacked like cord-wood as road barriers, and had to be cleared away to allow our weapons passage. The battlefield is literally an enormous graveyard of German dead."

There seems little doubt Hitler made a supreme effort to stay this retreat and extermination of his forces. It was unsuccessful, however, and, with typical Hitler tactics, the responsible general was suspended. According to the press the Fuehrer himself instituted an inquiry into the methods followed on this part of the Russian front with such disastrous results to his forces.

Foreboding of evil were rampant early in the month concerning events on the Anzio and Nettuno beachheads south of Rome. It appears to have been the strategy here to effect consolidations before fanning out for the drive on the Eternal City. Weather greatly handicapped the invaders, the air forces at times being compelled to remain on the ground for long periods. Lacking their support the ground forces were pounded by everything the Germans had, and some extremely bitter fighting ensued. Reluctance of the Allies to destroy historic missions in the range of battle was taken advantage of by the enemy, so much so, that the policy had to be reversed.

Enemy Is Strong

The Germans seem to have taken the position that this action is something more than a mere incident in the Italian campaign. With the capture of Rome and the establishing of a battle line north of it, our armies would be in position to move against the Reich in Southern Europe and the Balkans. Small wonder the defense is so spirited. The events of the month in this arena indicate clearly the Nazi armed forces are far from dispirited. The machine is still intact. The ground over which the fighting has taken place is not strongly fortified, not at all in the sense that the German-held territory facing Great Britain is, and those who look for an attack on the western front without great cost would do well to study the events in the new Italian theatre.

Our leaders have assured us the attack on Rome will proceed, and will be won. The freely expressed fears that our forces were facing a defeat definitely were unfounded. Nevertheless the enemy is giving a good account of himself here, as undoubtedly he will do elsewhere until the day when overwhelming defeat, on land and from the air, completely



Baby chicks eat so little and their digestive system is so delicate that they not only need the best of ingredients properly balanced and mixed, but the feed must be FRESH, like

VICTORIA GREENMELK CHICK STARTER

Factories located throughout the West manufacture and deliver Victoria Feeds FRESH daily—right in your own district, as follows: Fort William, Winnipeg, Brandon, Regina, Saskatoon, Edmonton.

Feeds made weeks or months ago may be stale, low in digestibility, and have probably suffered considerable VITAMIN LEAKAGE. So make sure you are feeding a REALLY FRESH—VITAMIN STRONG Chick Starter. Feed VICTORIA GREENMELK CHICK STARTER—it's made daily right in your own district and delivered FRESH.

Then watch your chicks live, grow and develop faster than you've ever seen them do before.

There's a Victoria Feed for every need. Ask your Victoria dealer or McCabe agent.

VICTORIA FEEDS-BALANCERS-MINERALS

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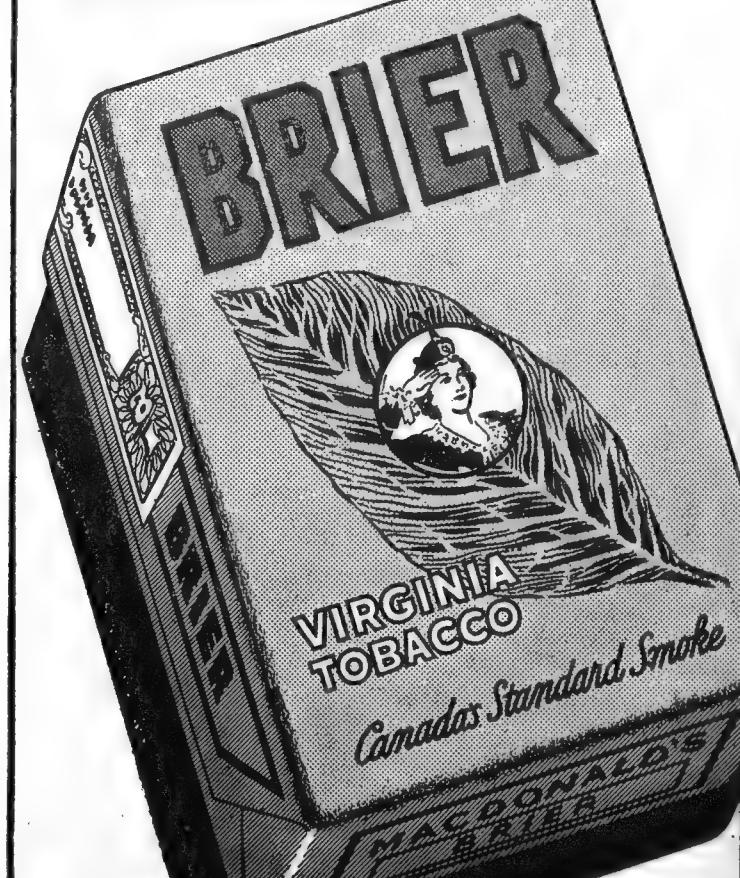
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CALGARY

MACDONALD'S



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SWEET AND COOL IN ANY PIPE

'VIGOR'
HOG UTILITY

Marketable Hogs
in 5½ Months

TO MARKET

Burns'
VIGOR
FEEDING SUPPLEMENTS



**YOU MAY HAVE
HEARD . . .**

of the excellent feeding qualities of the **SHORTHORN**; of its greater weight for age; of its value as an improver on common farm or range stock; of the possibilities of developing milk production in the breed. You can

GET THE PROOF . . .
of all claims made for the **SHORTHORN** by writing for free pamphlets regarding the breed. We will be pleased also to send you a list of your neighbouring **SHORTHORN** breeders.

Assured **PROFITS** are the answer to the ever increasing popularity and expansion of the **SHORTHORN** breed.

**CANADIAN SHORTHORN
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Support the Red Cross

EDMONTON EXHIBITION

SPRING

HORSE SALE

Tuesday, March 14th, 1:00 p.m.

EXHIBITION GROUNDS

Auction Sale of Draft and Farm Horses, mares and geldings, purebred and grade. Write for entry forms.

SPRING SHOW DATES
April 11-12-13

**JUNIOR CALF FEEDING
COMPETITIONS**

**FAT STOCK SHOW AND
SALE**

HEAVY HORSE SHOW

BULL SALE

Thursday, April 13th, 1:30 p.m.
Entries for Bull Sale close
March 13th.

Write for Prize List.

**EDMONTON EXHIBITION
ASSOCIATION, LTD.**
Edmonton, Alberta

LIVE STOCK

Gigantic Sales Planned for Calgary

APRIL 5, 6 and 7 are the dates set for Calgary's gigantic bull sale. One thousand bulls are entered: 637 Herefords, 229 Shorthorns, and 134 Aberdeen-Angus. All are registered and government tested. Those seeking range bulls and herd headers will find what they want at Calgary for special care is being taken, as in former years, to ensure the quality of all the animals offered.

Concurrent with the big sale will be shows and sales of individual fat cattle and baby beef. These will be judged and sold April 4. A war charity calf sale is scheduled for April 8 commencing at 1:30 p.m.

The management also announces a sale of pure-bred females of the three beef breeds on April 8, commencing at 2 p.m.

Attention of horsemen is directed to the auction to be held in Calgary, March 16 and 17, at which 600 head will be offered including heavy draft, agricultural mares, geldings and pure-bred mares.

Full information and catalogues concerning these sales may be obtained by writing J. Charles Yule, secretary-manager, Exhibition Grounds, Calgary.

• • •

Parasites Are Torturous

By W. D. ALBRIGHT

THE torture domestic animals must experience from lice, mites, worms and other parasites, both external and internal, was vividly brought home to the writer by an incident which came to his attention recently. In a big Canadian city a man was said to have been killed by lice and bed bugs. Police called to investigate the case did not reach the man's bedside before they found vermin crawling up their legs. Hightailing it to a hospital, they disrobed, threw their clothes into a de-lousing chamber, stood wrapped in blankets until they could take a scalding-hot bath, then called a professional exterminator, who shot his way into the dead man's bedroom with a spray gun, finding him eaten raw by the parasites. The licensed exterminator who told this story had no doubt that the man had been virtually eaten alive.

That such things can happen to a human being makes one shudder, but they happen every day to domestic animals. Hogs that have worms balled up in their intestines until the tract is blocked; sitting hens that are driven from their nests by vermin; others that drop from their perches emaciated; sheep with internal parasites; horses with bots, cattle with warbles; and all classes of animals affected more or less generally by lice! These are known facts.

Some of the pests are not easy to deal with, but there are prescribed treatments for all and some of them are simple. For instance, a thin stream of nicotine sulphate squirted along the perches at night will raise fumes that kill mites on the roosting hens. We need not elaborate. Let each live stock owner be alert and give treatments as called for in each case. A merciful man is merciful to his beast. Humanity and profits coincide.

Hope for Agriculture

AT a meeting of the Regina Branch of the Canadian Society of Technical Agriculturists held on November 8, Dr. H. Barton, Deputy Minister of Agriculture for Canada, reviewed the United Nations Food Conference at Hot Springs, Va. Dr. Barton stated that the general adoption of the recommendations of the conference with respect to meeting nutritional requirements more fully by the greater use of protective foods, including milk, eggs and vegetables would so affect food demands that there would be no surplus of any kind of foodstuffs for long anywhere in the world, and that in the adoption of the conference recommendations there is much hope for the future of agriculture in Canada.

• • •

Offer Aberdeen-Angus

ATTENTION of Aberdeen-Angus breeders is drawn to the date of the annual meeting of the Alberta Association in Calgary, Monday, April 8. The meeting will convene at 8:00 p.m.

Officers of the Association have also pointed to the opportunities offered at the Calgary, Edmonton, Lloydminster and Lacombe bull sales, for the securing of top-quality breeding animals. Devotees of the breed anticipate these events will see the black cattle strong featured and keen sought.

• • •

Keep Fleeces Clean

THE war demand for still more wool brings into prominence the fact that the winter feeding of roughage to sheep constitutes a problem in the production of high quality wool. Proper nutrition plays an important part in wool production. Half-starved sheep cannot produce wool in quantity or quality, because the increase in the amount of wool is the result of a combination of factors. The most important factor is plenty of good feed. When proper feed is lacking, a short weak fibre is produced and the value of the wool is decreased by at least two cents a pound.

The proper feeding of roughage necessitates a proper manner of feeding it, which in turn demands the greatest care on the part of the shepherd to produce racks of suitable type. A desirable type of rack is one so constructed that small portions of the feeding material, such as chaff and leaves of legumes, may not lodge in the fleece of the sheep as the sheep feed at the rack. Apply for specifications to any Dominion Experimental Station or Agricultural College.

To protect the fleece of the sheep, when feeding material is being carried to the racks, it should not be passed over their backs. It is better to remove the flock before the racks are to be filled. At all times care should be taken to prevent litter falling on the fleeces. For the same reason, sheep should never be allowed to feed from the side of a hay or a straw rack because such a method is ruinous to the production of high quality wool, through seeds and chaff getting into the fleece.

Entries for Regina Cattle Sales are Heavy

ALL Saskatchewan roads will lead to Regina for live stock men March 30 and 31, for these are the dates on which will be held the annual pure-bred cattle sales. Over 300 head of males and females will be offered.

A feature of the two days will be a sale of cattle for the benefit of war charities. Thirty pure-bred females of the various breeds have been donated by

CANADA'S LARGEST

BULL SALE

APRIL 5th, 6th, 7th, 1944
at CALGARY

1000 BULLS

637 HEREFORDS, 229 SHORTHORNS and 134 ABERDEEN-ANGUS. These are all registered and Government-tested bulls, herd headers and good range bulls from leading Alberta breeders.

SEND FOR SALE CATALOGUE CONTAINING FULL DESCRIPTIONS.

- INDIVIDUAL FAT CATTLE and BABY BEEF — Judged and sold April 4th.
- WAR CHARITY CALF SALE — Monday P.M., April 3rd at 1:30.
- FEMALE SALE — Selected entry of the 3 beef breeds. Monday, April 3rd at 2 P.M.

Alberta Livestock Association

J. McCULLOCH, President
J. CHAS. YULE, Sec. and Manager

HORSE SALE

At Calgary, March 16 and 17: 600 head — Heavy Draft, Agricultural Mares, Geldings and Pure-bred Mares.

Exhibition Grounds, CALGARY



You Are Paying
for

A SUR-SHOT BOT AND WORM REMOVER

whether you buy
it or not!

It only costs you 25¢ to treat a horse, 12½¢ to treat a colt, but if you don't treat them, it costs you much more than that in feed wasted and horse power lost.

Sold in \$1.50 and \$3.00 boxes
by your dealer, or by mail.

FAIRVIEW CHEMICAL CO. LTD.
REGINA SASK.

SASKATCHEWAN
CATTLE BREEDERS' ASSOCIATION

SALES

Exhibition Grounds, REGINA

MARCH 30th & 31st, 1944

Over 300 Head of

Pure-Bred Males and Females

HEREFORDS

SHORTHORNS ABERDEEN-ANGUS

A Sale of Cattle for the Benefit of WAR CHARITIES will be held in conjunction with this Sale. Thirty Pure-Bred females of various breeds have been donated by SASKATCHEWAN BREEDERS.

A Sale of Registered Bred Sows will be held by the Saskatchewan Swine Breeders' Association on WEDNESDAY, MARCH 29, at 1:30 p.m. Catalogues may be obtained from the Secretary: ALEX HALL, Department of Agriculture, Regina.

The order of Cattle Sale will be as follows:

ABERDEEN-ANGUS, Thursday morning, March 30th. SHORTHORNS, Thurs., 11 a.m., Mar. 30. CHARITY SALE, Fri. morning, Mar. 31. HEREFORDS, Fr., 11 a.m., Mar. 31st.

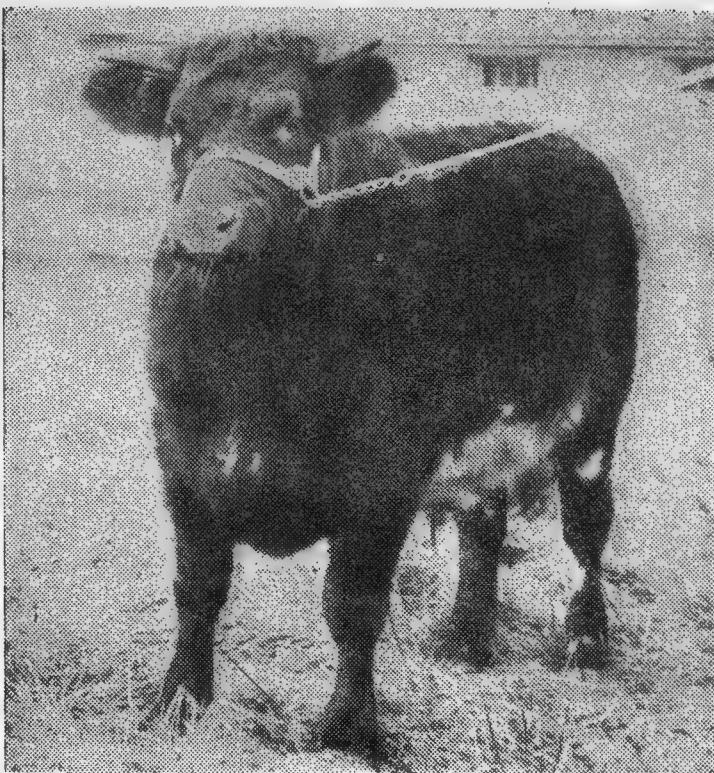
TERMS OF SALE: CASH.

For Catalogues write the Secretary:

C. E. BEVERIDGE,

Department of Agriculture, Regina.

Eastern Fat Stock Show Winner



HERE is the type of finished Shorthorn steer that wins at Eastern Canadian fat stock shows. Above was the grand champion steer of the October Sherbrooke, Quebec, event. He was sired by Pilot Officer, a bull bred by William J. McKay, Guelph. Sold for \$1.80 per pound to T. Eaton Company at a weight of 922 pounds. The grand champion was exhibited by F. G. Bennett & Sons, Bury, Quebec.

One hundred and twenty-two head of finished steers and heifers passed through the Sherbrooke sale. Of this number, 72 were Shorthorns, 23 Herefords, 20 Angus and 7 crossbreds. The total realized on the 122 head was \$29,156.75, for an average of \$238.99 per head, with an average selling price of \$27.59 per hundredweight.

Edmonton Planning Attractive Live Stock Events

EDMONTON'S Spring Horse Sale will be held March 14, and the junior calf feeding competitions, fat stock show and sale, heavy horse and bull sale are scheduled for April 11, 12 and 13.

The horse sale will see auctioned draft and farm horses, mares and geldings, pure-bred and grades. It is anticipated that with revived interest in the horse as a result of wartime conditions, the sale will be of a particularly high calibre. Certainly Edmonton is the centre of a high quality horse breeding area: the results of the selection and grading-up featured by the breeders of the district should be demonstrated in the quality of the animals offered for sale.

Entries for the bull sale close March 18. Prize lists and entry forms may be obtained from Edmonton Exhibition Association Ltd., Edmonton.

Ye Utile Hoage

IN "Systems Agriculture, or the Mystery of Husbandry Discovered," by John Woolridge, Gent., London, 1687, it is written of swine—"This beast is also of very considerable advantage to the Husbandman, the flesh being a principal support to his family, yielding more dainty dishes and variety of meat than any other beast whatsoever; considering them as pig, pork, bacon, brawn, with the different sorts of offal belonging to them. You may raise a considerable stock of them, to your great gain and profit." What Tusser, the English poet said is still true:

And yet by the year have I proved
ere now
As good to the purse is a sow or a
cow.

EAT LESS CHEESE

THE domestic consumption of cheese in Canada during 1943 has been calculated at 8.45 pounds per head of population, compared with an average amount of 4.02 pounds during 1942.

While Our Boys Do the Fighting—Let's Do the BUYING — Get Your Share of WAR BONDS and STAMPS

Shorthorn Meet Success

AN excellent position with the most favorable of prospects was revealed at the annual meeting of the Canadian Shorthorn Association, held in Toronto recently. The meeting was the fifty-eighth of the organization.

Report of the secretary, H. R. White, stated that exports of Shorthorn animals in 1943 were 63.8 per cent greater than those of 1942. Close to 1,500 animals were exhibited at regional shows, of which 16 were held during the year under review.

In his report of western activities, J. W. Durno, representative of the association in this area, stated that the averages for Shorthorns realized at last year's spring bull sales in the West were the highest recorded in 20 years, a fact which indicated the ever-growing popularity of the breed. Never since I have been with our association, stated Mr. Durno, have more bulls been sold privately and at better prices than in the fall and winter of 1943. The western representative urged the Shorthorn breeders to go forward with a feeling of confidence and a determination to produce and fit even better cattle than in the past.

Horse Health Hints

VETERINARY authorities point out that in this mechanical age there are farms on which the horse is one of the most neglected animals. Horse blankets are almost unknown, and the curry comb and brush have long since disappeared. About the only redeeming feature on some farms is that the horses are allowed to run out, so they have the opportunity, at least partially, to take care of themselves. Yet the horse is still one of the most valuable sources of farm power. Proper nourishment is extremely important to the horse's well-being, and is one of the three essentials in maintaining the health of the horse. The second essential is that when a horse is not working he should be given the run of the pasture or a lot large enough to afford ample exercise. The third is that the horse should have a good shelter to protect against severe wind and cold.

While Our Boys Do the Fighting—Let's Do the BUYING — Get Your Share of WAR BONDS and STAMPS

Keep Up The Quality of Canadian Beef

Buy Aberdeen-Angus Bulls

USE an Aberdeen-Angus bull instead of the clippers or the saw to dehorn your stock. Years of keenest competition in the prize ring, in the feed lot and on the hook, have placed the smooth, low-set, natural poll Aberdeen-Angus at the top. As a producer of prime beef the Aberdeen-Angus has no superior.

ATTENTION

THE best Aberdeen-Angus breeders in Alberta are contributing a large number of bulls, the kind that get real beef steers without horns, to the 1944 Calgary, Edmonton, Lloydminster and Lacombe Bull Sales. At these sales you will have a wonderful opportunity to select the type of bull you want to head your herd so that you can cash in on the ever increasing popularity of Angus cattle.

DON'T GO HOME WITHOUT A DODDIE!
ABERDEEN-ANGUS QUALITY IS TOP QUALITY.

Annual Meeting — 3:00 p.m., Monday, April 3rd
Administration Building, Exhibition Grounds, Calgary, Alberta.

Alberta Aberdeen-Angus Breeders' Association

J. McCULLOCH, President,
C.P.R., D.N.R. Building,
Calgary, Alberta

H. E. WILSON, Secretary
Lacombe, Alberta

Real Healthy Chicks
TALK "STARTERS"—

"Chicks like me Grow Fast when Fed



CHICK STARTER

This 18% protein Chick Starter has ALL the necessary ingredients to promote quick growth, vigorous appetite and good digestion. Chicks like it. It likes them. It's a real farm-tested Chick Starter and once you try it you'll feed no other. Why not try it NOW?

Selling NOW at U.G.G. Alberta Elevators

Manufactured by

United Grain Growers Ltd.



ALBERTA
DEPARTMENT OF AGRICULTURE

Stockmen of Alberta

HAVE YOU ADOPTED THESE
APPROVED PRACTICES?

1. Treatment of Cattle for the Control of
Warble Flies . . .

The pest that lowers returns by reducing milk production; retarding gains; spoiling carcasses and damaging hides.

2. Dehorning Cattle—Particularly Young Calves.

To avoid losses from horn bruises and injuries, and to save the \$1.00 a head Horn Tax.

ELIMINATE WASTE

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DEPARTMENT OF AGRICULTURE

EDMONTON, ALBERTA

HON. D. B. MacMILLAN,
Minister

O. S. LONGMAN,
Deputy Minister

OUR LADS ARE DYING ...are you BUYING?



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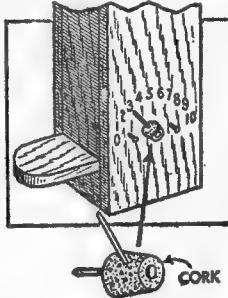
OVER 190 DISTRIBUTING POINTS IN ALBERTA, SASKATCHEWAN, MANITOBA

Handy Devices

By Courtesy Popular Mechanics Magazine

FEED SPOUT TALLY

TO tally measures of feed taken from a spout in his granary, one farmer nailed a large cork onto the side of the spout and forced another nail through it at right angles to serve as a pointer. The required numerals were then marked on the spout so that the pointer could be turned to indicate the measures of feed withdrawn. Nails at the sides of the cork serve as stops for the pointer.



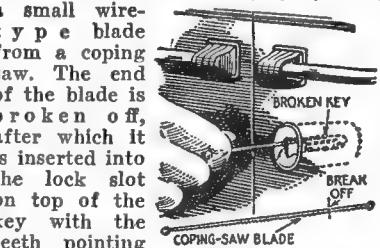
MODELMAKER'S ANVIL

MODELMAKERS will find that a flattened lead fishline sinker provides a handy anvil when punching holes in thin metal. The sinker is attached to the bench with tacks inserted through the wire eyelets.



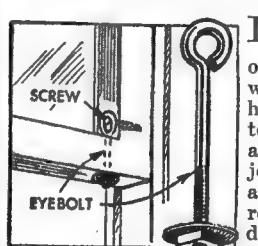
REMOVING CAR KEY

AFTER twisting off a key in an auto lock, remove it in a jiffy by using a small wire-type blade from a coping saw. The end of the blade is broken off, after which it is inserted into the lock slot on top of the key with the teeth pointing outward. Then, by pressing down with the blade and pulling forward, the broken portion of the key is removed.



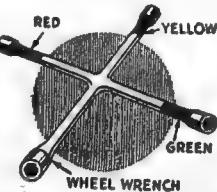
REPAIRING WINDOWS

IF the lower crosspiece of an upper window sash has a tendency to pull away at the mortise joints, here is an easy way to repair it. Just drill through the crosspiece and put in a couple of small eye bolts as indicated. Then put the sash in two bar clamps, pull up the joints tightly and drive screws through the eyes of the bolts into the side of the sash.



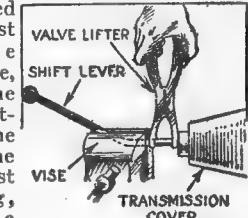
IDENTIFYING SOCKETS

THE annoyance of hunting for the correct size socket on a four-way wheel wrench can be avoided by painting a different colour band on each socket shank. Memorizing the colour of each socket will enable you to select the desired one instantly. If most of your work is done on only three or four cars of different models or makes, then the markings on the wrench can be identified with the make of car using each particular socket.



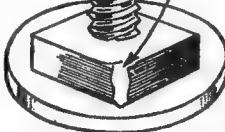
USE VALVE LIFTER

THE usually difficult job of compressing the spring to replace a gearshift lever is no problem if a valve lifter is used as shown. Just clamp the lever in a vise, then with one side of the lifter against the jaws and the other against the spring, squeeze the handles to force the spring in place. Replacing the spring retainer completes the job.



LOCKNUT SUBSTITUTE

THE next time you want to lock a nut on a bolt and there is no locknut at hand, just form a spur on one corner of the nut by flattening it slightly with a hammer. When the nut is tightened down against a washer, the spur will cause the nut to tip slightly so that it grips the bolt threads quite firmly and will not loosen easily.



EVERY DAY...

thousands of Battery Radios are operated with Burgess Radio Batteries. Batteries are also vital to the armed forces in today's warfare.

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HELP! Aid our wounded—and safeguard our prisoners-of-war.

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Is Your Horse LAME?

... due to Spavin, Splint, Ringbone 1" above hoof, muscular strain of leg, shoulder, stifle or hip—or for superficial swelling; if the counter-irritant, vesicant action of SAVOSS fails to give complete satisfaction, return carton or its number, and price will be promptly refunded.

HUMANE: many have used it instead of "String"; many lay-ups have been avoided or shortened.

NOW only \$8.50 with satisfaction-money-back guarantee. Price and name only charged—it's the same SAVOSS-Horse as sold at \$5.00 for over 40 years. But equally useful for cows, other animals and HUMANS. Buy SAVOSS of DRUGGIST—accept no substitute—if out of stock, order direct as to begin use without delay. Write for Free Booklet. TROY CHEMICAL CO. 517D Crawford St. Toronto 4, Ont., Canada

EVERY RAT YOU KILL

IS A BLOW AT THE BIGGEST RATS OF ALL

... the AXIS RATS. In Canada, rats destroy food worth MILLIONS annually. Help cut this waste! KILL RATS with RAT-NIP... or money back. Rats can't resist it. It acts quickly... surely. Easy to use. At drug, hardware and general stores. 2 1/2 oz. 35c.



LIQUID VENEER CORP.
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RAT-NIP

NEARLY 30 YEARS OF SUCCESS

Farm and Ranch housewife

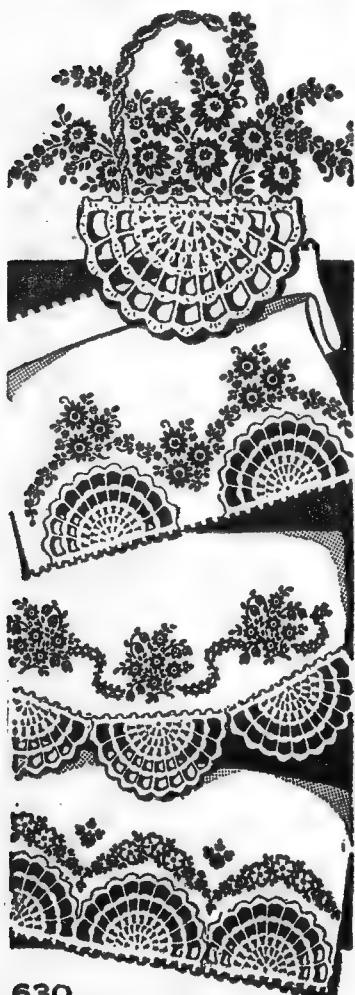
DEVOTED TO THE INTERESTS OF THE RURAL WOMEN OF WESTERN CANADA

School Lunch Is Important

AN adequate lunch is just as important as breakfast or dinner for good nutrition for the school child. It should be substantial and provide one-third of the day's food needs and, too, it should contain at least one hot food particularly in cold weather. Lacking a proper lunch it is very unlikely and well nigh impossible to make up the requirements for health protective and essential foods in the other two meals. The result—an under-nourished, nervous, irritable child of stunted growth and lowered resistance to colds and other communicable diseases. While genius can't be developed by means of food, proper foods together with adequate time for rest will help the child to do his best at school. Experience has shown that when steps are taken to ensure an adequate school lunch, the school attendance improves as well as the mental alertness and power of concentration of the student. Lack of interest and ability to concentrate during the last hour of the morning and afternoon session is due to physical more often than mental weariness.

There are four ways in which the hot dish may be provided at school:

Unique Combinations



630

by Laura Wheeler

HERE are crocheted medallions (quick-to-do) and colourful flower motifs . . . to juggle about, to arrange to your heart's desire. Let your friends see how clever you are! Fill some medallions with flowers . . . use others as an edging. Pattern 630 contains a transfer pattern of 8 motifs ranging from $2\frac{1}{2} \times 18$ to $4\frac{1}{4} \times 8$ inches; crochet directions.

Send twenty cents in coins (stamps cannot be accepted) for this pattern to Farm and Ranch Review, Needlecraft Dept., Calgary, Alberta. Write plainly Pattern Number, your Name and Address.

Because of the slowness of the mails, delivery of our patterns may take a few days longer than usual.

1. The food may be packed hot at home into thermos jars or bottles.

2. The food may be packed cold in a small glass jar and the jar reheated in a pan of hot water at school.

3. The mothers or a women's organization in the community may take turns in providing or preparing the hot dish which is taken to the school at noon.

4. The food may be cooked at school. Depending upon the food, it may be prepared for cooking at home and in this case a weekly menu is sent home to the mother so that the remainder of the lunch may be planned accordingly.

Some may question the necessity or value of a hot dish. Could you enjoy eating an entirely cold lunch on a cold day? Something warm acts as a stimulant, excites the flow of digestive juices, improves the appetite and increases the ease of digestion. Then, too, with a hot dish, the lunch is far more likely to supply the health protective goods than what the child may choose to take in his lunch-box. And what is most important, the child will eat it while it has been our observation that much of a cold lunch is not eaten. In all fairness to the boys and girls who must walk long distances, a noon meal should be provided that is both appetizing and adequate for health and growth.

• • •

Applauds People's Briefs

BRIEFS presented to the Saskatchewan Reconstruction Council during public hearings throughout the province indicate that people of Saskatchewan are willing to work hard to accomplish their reconstruction plans, according to Dean F. C. Cronkite, chairman of the council. Commenting on all hearings, he said: We have been very much impressed by the general tenor of the briefs, particularly by the fact that they express a general independence and willingness on the part of members of organizations to work hard to accomplish their plans rather than expect the government to do it all.

Dean Cronkite announced that final hearings in the province would be held in the Court House, Regina, commencing March 7. This will be the last chance for representatives of organizations to obtain hearings. Applications for appointments must be made to George Oliver, secretary of the council, by February 26 and 10 copies of each brief must be in his hands by February 29. It will be impossible to accept applications made after February 26, Dean Cronkite emphasized.

• • •

New Ration Book

WHEN ration book 4 is issued to Canadian consumers during the last week in March there will be spare coupon sheets but this does not necessarily signify rationing of new commodities, stated Howard I. Ross, Montreal, Ration Administrator, recently. Emergency coupon sheets are placed in ration books as a prudent measure to meet exigencies, he said.

Printing ration books is the biggest printing job done in Canada, and ration book 4 was in the hands of the printers on December 1. This means planning for nearly a year ahead when emergencies which may arise cannot be anticipated. Additional coupon sheets in ration books cost a trivial amount compared to what the cost would be to print and distribute supplementary sheets, he pointed out.

Mr. Ross who organized Local Ration Boards in Canada, praised the work they accomplish in their communities in handling individual problems and decentralizing rationing. There are 600 Local Ration Boards in Canada.

START A CLEAN PLATE CLUB IN YOUR HOME



If you want to do your part in hastening victory, to bring our boys back safely and sooner, you may begin by saving all the food you can. Our fighting men overseas consume staggering amounts of food, but Canada's abundance can fill the need and supply the home front, too, as long as every family makes a real effort to cut out waste. One way you, Mrs. Housewife, can help is by serving smaller portions so that everybody's plate is cleaned right up. And don't serve second helpings unless they're asked for.

Save Food for Fighters! Here are 10 FOOD-SAVING RULES For Wartime

1 PLAN FOOD BUYING CAREFULLY

Buy only the food you know your family will eat. Calculate quantities so that there are no left-overs.

2 PLANT A VICTORY GARDEN

Help to increase Canada's food production by growing your own vegetables and fruits. Raise chickens and any other stock you can.

3 AVOID WASTE IN PREPARING

Measure all ingredients. Watch vegetable and fruit peelings—peel them thin. Cook potatoes in skins.

4 COOK FOODS PROPERLY

Follow your cook book carefully so as to avoid waste and retain maximum food values.

5 SERVE SMALLER PORTIONS

Start a Clean Plate Club in your home! Don't urge second helpings—let them ask for more.

6 SAVE LEFT-OVERS

When you do cook too much, save meat and vegetable remnants for stews, bones for soups, bread-crumbs for stuffings.

7 SAVE SURPLUS FATS

Use what you need in your own cooking. What's left over turn in with your other salvage.

8 DO NOT HOARD

Canada has a sufficiency of all the foods you need. Don't hoard or buy foods for the sake of using up your ration coupons.

9 ENCOURAGE OTHERS TO SAVE

Share with your friends any food saving tips you hear or read. Don't spread gossip about "shortages" or tips that may start runs on rationed foods.

10 REDUCE YOUR FOOD BILL

Choose economical foods—those with concentrated nutrient. Try to keep down and reduce your total food bill.

Contributed in Support of Canada's Nutrition and Food Conservation Programme by
B. C. Sugar Refining Company Limited.

FREE RECIPE BOOK—Send your name and address to B.C. Sugar Refining Co., Ltd., Vancouver, B.C. for your copy of new Wartime Book of Golden Syrup Recipes.



BT-125

ROGERS' GOLDEN SYRUP

Again available in 2-lb. tins, obtainable for 2 "D" ration coupons.

MY WIFE'S A
WONDERFUL
HOUSEKEEPER
BUT THE
OUTHOUSE HAS
HER LICKED!

STOP GROUSING AND
GET HER SOME
GILLETT'S LYE

YOUR OUTSIDE CLOSET doesn't have to be shamefully smelly! You can keep it clean, sanitary and odorless easily with Gillett's Lye. Just pour in miracle-working Gillett's — full strength — and the contents completely disappear! Keep a tin of Gillett's right there handy — use half a tin once a week.

Gillett's Lye is a grand help all around the place too. Use it in the farm buildings — use it to clear drains and pipes — use it for all cleaning jobs. One tin makes 10 gallons of solution*. Cuts right through dirt and grease — saves hard scouring and scrubbing! Makes grand soap too — at less than 1¢ per bar! Get a couple of tins at the store today!

*Never dissolve lye in hot water!
The action of the lye itself heats
the water.

FREE GILLETT'S LYE BOOKLET

... that will help you dozens of ways. Shows how Gillett's works for you: keeps outhouses clean, clears drains, and dairy equipment, makes messy household jobs easier. Send today to: Standard Brands Ltd., Fraser Ave. and Liberty St., Toronto, Ont., for your copy — it's free!

MADE IN CANADA



Homemaking and by Betty Brown Homekeeping

MY DEAR COUSIN JANET, — At this time of year I always feel inspired (?) to hunt out something in the line of hot dishes for winter suppers. Last night Mother made us some Scotch broth, which, though from an old recipe is always new and acceptable. Cover one-quarter cup of pearl barley with cold water and let it stand over night. Take two pounds of mutton from the neck, cut into small pieces, put into a saucepan, and add two quarts of cold water and two tablespoons of salt. Heat to the boiling point, skim and cook about two hours, adding 2 large, sliced onions, 2 sliced carrots and 4 stalks of sliced celery at the end of the first hour. Cool and remove fat; reheat, add the soaked barley, and cook until the barley is soft. The soup may be strained if desired before adding the barley, and the meat may be saved to use in stews or meat cakes. If you like a thicker soup you may add more vegetables of any kind.

A stuffed cabbage makes a delectable main dish for supper. Remove the outer leaves from a firm head of cabbage, and cut a thick slice from the top. Hollow the cabbage out carefully, leaving a shell with thick walls. Skin a pound of weiners and chop finely. Mix with half a dozen slices of side bacon (minced); add a sprinkling of salt and pepper and fill the hollowed cabbage. Place the cabbage slice back on the top and tie with a cord. Make this secure so that the lid will not slip off. Have a large kettle of boiling water. Set the cabbage on a saucer, and lower carefully into the kettle. Cover and boil for 2½ to three hours, or until the cabbage is tender. During the last hour leave uncovered to allow the liquid to evaporate somewhat. Lift the cabbage carefully on to a platter, pour the remaining juice over and around and serve with hot biscuits placed around the cabbage.

Choice Casserole

If you are having company for supper (say seven or eight of you altogether) something really grand is a casserole of ham and sweet potato. You'll require two large, thick slices of ham. Either fry or broil slightly on both sides. Place it in your casserole dish, draining over it any ham fat that may have fried out, or that you may have on hand — say two tablespoons. Over each slice spread a layer of prepared mustard, using a good teaspoonful. Over this scatter four cups of raw, sliced sweet potato, sprinkle with a cup of brown sugar, pour over two cups of milk, and put on the casserole cover. Bake in a slow oven until the ham is tender, then remove the cover and allow to brown. If your company is "extra special," place a layer of marshmallows over the casserole and return to the oven to puff up, and toast.

Rice Plus Sausages

A cheap, but savoury dish is made from rice and sausages. Cut a pound of sausages into small pieces and fry lightly; add two or three tablespoons of hot water. Combine one and a half cups each of coarse cracker crumbs, hot boiled rice and canned tomatoes; a quarter cup of finely chopped celery, two tablespoons each of chopped onion and butter, and salt and pepper to taste. Add the sausage, turn into a greased casserole and bake for a good half hour.

For a cold winter night, a veal pot pie goes "right to the spot". You will require three pounds of veal — the neck, knuckle, breast or shoulder may be used. Cut into two-inch cubes and place in a saucepan with two large onions and a little salt and pepper. Pour over all enough water to just cover them. Simmer for about an hour. Add two or three slices of salt pork, if desired, to add to the flavour. Half an hour before serving, add six medium potatoes cut in halves and cook with the meat. Place dumplings around the edge of a platter, and with a skimmer lift the meat and potato from the saucepan and transfer to the

center of the platter. Thicken the gravy with a little flour, and pour over the meat and dumplings.

Vegetable Chowder.

I'll close with a simple vegetable chowder. Cut four potatoes and three carrots into small cubes and cook for 20 minutes. Chop three onions and cook in two tablespoons of butter. Make a white sauce of three tablespoons of flour, two cups of milk and a teaspoon of salt. Add the onions and two cups of canned tomatoes to the cooked vegetables. Heat all together and cook for a few more minutes. Serve hot.

My time is up, so will close with love from us all, —BETTY.

Offer Bee Course

A SERIES of lectures on practical beekeeping has been announced by W. G. le Maistre, Provincial Apiarist. The lectures will be held in the offices of the Edmonton Horticultural Society, 10180 - 100th Street, Edmonton, and will commence at 8 p.m. on each evening of March 6, 7, 8, and 9. There is no charge for the course, which is being sponsored by the Edmonton Beekeepers' Association, and anyone desiring instruction in beekeeping is invited to attend.

Lively Pinafores



by Laura Wheeler

THEY'RE looking at you . . . these teddy-bears and ducklings. Wanting YOU to embroider them on this smart version of 1944's most popular frock for kiddies . . . the pinafore.

Pattern 731 contains a transfer pattern of 12 motifs from $\frac{3}{4} \times 1\frac{1}{4}$ to $6 \times 9\frac{1}{2}$ inches; complete directions; stitches.

Send twenty cents in coins (stamps cannot be accepted) for this pattern to Farm and Ranch Review, Needlecraft Pattern Number, your Name and Address.

Because of the slowness of the mails, delivery of our patterns may take a few days longer than usual.



WE shall always think of this as perfect winter, when day after day we basked in warm bright sunshine, and which goes down in these diary recordings as one of the mildest ever known in the prairie provinces. The return of bewildered wild ducks, the flight of butterflies, the burgeoning of pussy willows, rising dust storms and grass fires, all in January, has left everybody in Alberta confused. June in January—well, Mother Nature needs to get her signals straightened out.

But commonsense warns us not to get too excited and jubilant at skipping a winter. For March was ever a blusterer. Between dawn and dusk it plays a dozen daily pranks, gathering warm sunshine and spreading it over the prairie, then pouring out icy portions of raw north wind. Although the north wind is its special pet, March calls upon all winds, usually out of turn, for it is the most fickle of months. Even when bright water is running in the ditches and down sloping fields, the North wind, with its hint of Arctic wastes and nose-nipping tricks, is hovering ready to rob the sun of daily warmth, to turn the sloughs to ice, the wayside grasses to stiff wire.

Though poets have used up much good ink on wind description—cool, sighing, gently whispering, and so on—no poet that I know has used his muse to do justice to our prairie breezes in March. And how few have dared a pen-picture of a chill, grey dawn, perhaps because they are averse to early rising on a cold March morning.

Hordes of sparrows are invading our door-yard. "A noisy, greedy, quarrelsome lot", so they are described by a neighbour who does not know them and makes no excuse for them. Of course they are, because all birds must fight continuously for bare existence, not from ill-nature; and because the sparrow seldom goes far from his home—and your's—his squabbles come more under notice. We have brought it all on ourselves, however, for we started by offering them a casual hand-out at the kitchen door to help them over the last bare days of winter. Then it became a regular meal, then a grim duty, and now the sparrows expect it and no questions asked. They are permanently on relief, for this month at least.

We have to keep a pan of wheat from the poultry rations, in the kitchen, and if we are late in scattering it for them, they have a special chirp of protest to let us know we are not treating them as they expect.

Learned naturalists, trying to balance the Creation with their own ideas, inform us that seeds and grains ma-

ture too slowly to feed armies of small birds continuously, while on the other hand insects would mature and reproduce their species all too quickly if the birds did not keep them in check. Our prairie sparrows would have a thin time after the stubble and waysides had been stripped in early winter, so they become opportunity feeders, in other words, omnivorous. Nothing comes amiss to those self-invited guests of ours. True, if you are a town-dweller in a small household with a large bird family, a little additional help may be required from the pantry. If you would like the reputation of keeping the most popular bird-table in the neighbourhood, stock it with all the bones, scraps of pie-crust, crumbs of suet and toast. The feathered gourmets have the epicure's relish for delicacies.

Well, March has its Roaring Lion, its Ides, its Mad Hare, its gambolling lamb and housewife's spring-cleaning. Enough distinctions to give this stop-gap month, despite the poets' aversion, a high mark in the twelve.

Splendid Cough Relief, Mixed In Your Kitchen

Saves Big Dollars. No Cooking.

Yes, ma'am, right in your own kitchen, you can easily mix a cough syrup that can be depended upon for quick results, and gives you about four times as much for your money. And it's no trouble—it's so easily prepared.

You'll need a syrup. Make it by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed. Or you can use corn syrup or liquid honey, instead of sugar syrup.

Now get 2½ ounces of Pinex from any druggist, and pour it into a 16-oz. bottle. Then add your syrup. There you have 16 ounces of really splendid medicine for coughs due to colds. It lasts a family a long time, and tastes fine—children love it.

You'll say it's your favorite cough treatment. It loosens the phlegm, soothes the irritated membranes, and helps clear the air passages. Eases the soreness, and lets you rest at night.

Pinex is a special compound of proven ingredients, in concentrated form, well known for prompt action on throat and bronchial membranes. Just try it, and if not pleased, your money will be refunded.

Famous for flavour since 1892—the 'Salada' name assures you of a uniform blend of quality teas.

"SALADA" TEA

WINDOW GLASS, Any Size or Quantity

THE BENNETT GLASS CO. LTD.

228 - 7th Avenue East,

CALGARY

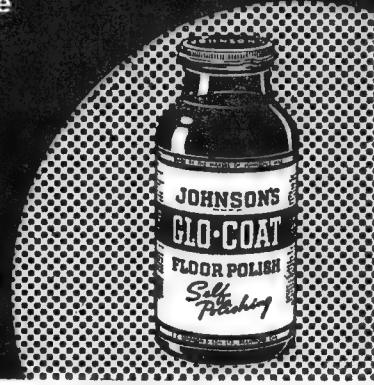
Your floor linoleum must last now! Johnson's Self-Polishing Glo-Coat

helps lengthen its life

6 to 10 times when regularly applied.

Saves you time and work, too. No rubbing, no buffing. Just apply and let dry to a beautiful lustre in only 20 minutes!

S. C. JOHNSON & SON, LIMITED
Brentford, Canada



Why Most Young Mothers Use this External Way To Relieve Miseries of Children's Colds



STARTS TO WORK RIGHT AWAY..KEEPS ON WORKING FOR HOURS!

Promptly Helps Relieve Coughing Spasms, Muscular Soreness or Tightness, Congestion and Irritation in Bronchial Tubes

It's really dangerous to neglect a child's cold! Most modern mothers know this.

That's why they turn to the time-tested home remedy for relieving miseries of children's colds—Vicks VapoRub. Experience has taught them what to expect when they rub VapoRub on throat, chest and back at bedtime.

Almost at once—in 3 minutes or less—the penetrating-stimulating action of VapoRub (explained above) starts bringing relief.

For hours this grand double-action keeps on working. Invites restful, refreshing, strengthening sleep. And often by morning most of the misery of the cold is gone.

Now when anyone in your family—child or grown-up—catches a cold, do what most modern mothers do, and use dependable

VICKS
VAPORUB

Hints for Housewives

IF the fat for frying becomes hot before you are quite ready for it, drop a piece of dry bread into it. It will prevent the fat from burning.

The breastbone of young poultry will feel like gristle and will be quite soft and easily bent. If it is bone-like and hard, the chicken is old and apt to be tough.

Before applying polish to range or cooker remove all grease spots with a rag dipped in turpentine, or a pad of old cloth dipped in soot.

Remove fruit stains at once from linen by stretching the stained part over a bowl and pouring boiling water over the stain.

Carpets may be brightened and cleaned with warm water into a quart of which two raw potatoes have been scraped and allowed to stand for 10 minutes before straining. Rub the carpet with the fluid.

If you can teach the family to remove wet overshoes out on the porch and carry them into the house instead of wearing them you have done a great deal towards keeping your living room clean.

When putting clothes to soak rub the very soiled parts with soap first. Then soak the clothes in cold suds, if they are to be soaked over night; in hot suds, if they are to be washed before cooling.

Give in the name of Mercy



• For mercy blesses him that gives. The Red Cross asks in the name of

MERCY

Mercy for the sick—the wounded—the prisoners of war.

Give to your RED CROSS.

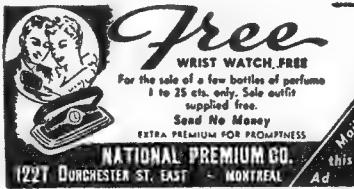
IMPERIAL BANK OF CANADA

"The Bank For You"

• BUY VICTORY BONDS NOW! •

ITCH STOPPED in a Jiffy or Money Back

For quick relief from itching of eczema, pimples, athlete's foot, scales, scabies, rashes and other externally caused skin trouble, use fast-acting, cooling, anti-septic, liquid D. D. D. Prescription. Greaseless, stainless. Soothes irritation and quickly stops intense itching. 35c trial bottle proves it, or money back. Ask your druggist today for D.D.D. PRESCRIPTION.



ON Sunday, January 10th, 1943, I her under my wing. There was a left Edmonton on a very early train with five others. At Calgary we packed ourselves into a station wagon and drove to Skinner Barracks.

We were all placed in one of the basement dormitories, which were comfortable enough.

The next day we trooped into the pay office where we were to work. A kindly sergeant met us at the door. I remember "Curt" eyeing the huge twenty-six-inch carriage typewriters and then whispering to me: "Those typewriters scare me."

We certainly got our exercise when we first worked in the pay office, what with walking back and forth to work twice each day.

Remember the winter of 1943? Remember how cold it was and how cold it stayed? And I, who used to fuss about walking two blocks to work at 8:30 or 9 o'clock in the morning, walked to work at 7:45 a.m. with the temperature below zero.

That kind of weather kept us huddled at home in the evenings. It was easy on the purse and we got plenty of sleep. There were three thermometers on the way to work. We used to tear from one to the other—they never registered the same, and we morbidly believed the lowest one. It was cold.

Work in the pay office was interesting. I liked it better than any job I'd ever had. I liked the girls who worked there and the lieutenant was grand. For the first time in my life I was really satisfied with my work.

Once in a while we privates would be on duty as orderly sergeants at Skinner. We'd sit up until two o'clock with the little guppies, looking stern and official and impressing them most satisfactorily.

One day a girl from my home town joined the army and arrived in barracks. Remembering my first lonely days until I learned the ropes, I took

The days went by quickly. I worked hard and kept busy at nights; visited friends and was just plain contented. The weather stayed cold and when the temperature finally reached zero we rejoiced. It seemed like summer.

One Sunday morning — historical day — I had to get up early to go to work. I remember shivering into my clothes in the cold grey dawn while my dorm-mates slumbered on. It was a particularly cold morning and I was feeling sorry for myself. I caught the bus home after a morning's work, feeling very noble. The bus was a bit late so I dashed through the hall and started madly up the stairs, not wanting to miss the excitement of the scramble for Sunday dinner. But I didn't get far. People started tearing after me, clawing and clutching at my coat tails and my muffler and any old article they could get a hold of. After forty people had finally stopped screaming, I discovered that some inconsiderate girl in Dorm 11 had got the mumps, and everyone who was unlucky enough to be in there was quarantined.

At first I thought I was the luckiest girl in the world. I went up the stairs and smiled through the door at the wrathful inmates of Dorm 11. They were furious. But as the day wore on I didn't feel so happy. I had no bed, I had no soap or towel or toothbrush, no clothes or writing paper to write letters. All I had was a print dress I used for doing my washing, an extra shirt and a housecoat which were hanging in the Grand Central cupboard in the hall. I felt like a little orphan.

When night came I was issued with another set of blankets, another top bunk and a towel. I moved into Dorm. "9" with "Willie" and "Greenie".

(Continued in April Issue)

Mom and I ...talked it over!



And at first Mom wasn't too pleased with the idea. We are such great pals and she was afraid she'd miss me, but I explained to her how I felt, and that I wanted to do my share so some soldier could go overseas to fight, and she began to see it my way. I told her what Jean, who is in the C.W.A.C., told me about the wonderful training you get in trades and occupations that will be invaluable after the war, and how much you learn through travelling and meeting new friends and having new experiences. Then Dad came in on my side... he was in the last war... and he liked the idea of seeing me in khaki... sort of carrying on the family tradition, you know. Then when I told Mom how much it meant to me to feel I was doing a worthwhile job for Canada, and to help finish the war just a little bit sooner, she saw what I meant, and it's O.K. with her now. In fact, Mom and I are together on this, and believe me, she's mighty proud of me!

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Build Your Future"**

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F.R.R.-11



SELECTED RECIPES

Raspberry Cake

$\frac{1}{2}$ cup shortening
 $\frac{1}{2}$ cup brown sugar
2 eggs
 $\frac{1}{2}$ cup sour milk
 $\frac{1}{2}$ cup juice from canned raspberries
2 cups sifted pastry flour
1 teaspoon baking soda
 $\frac{1}{4}$ cup drained raspberries
1/2 teaspoon salt

Cream shortening and sugar. Break in 1 egg, beat well and then add other egg. Beat well. Add milk. Sift soda and salt with flour. Beat half of the flour into mixture. Add fruit juice, then remaining flour. Fold in berries very carefully. Bake in a loaf pan for 45 minutes at 325 deg. F.

Spice Cake

$\frac{1}{4}$ cup butter
 $\frac{1}{4}$ cup lard or shortening
 $\frac{1}{2}$ cups honey
3 eggs
 $\frac{1}{2}$ cup sour milk
2 cups flour
2 teaspoons baking powder
1/2 teaspoon cloves
1/2 teaspoon ground cinnamon
1/2 teaspoon ginger
1/2 teaspoon nutmeg
1/2 teaspoon salt
1/2 teaspoon vanilla
1/2 teaspoon baking soda

Cream butter and lard together well (all lard or shortening may be used). Add honey gradually. Add well-beaten eggs and beat thoroughly. Add mixed and sifted dry ingredients alternately with the milk. Bake in two 9-inch layer pans at 375 deg. F. for 30 to 35 minutes or in a 9 x 9 inch cake pan at 350 deg. F. for 65 minutes.

Ginger Snaps

2/3 cup molasses
1/3 cup shortening
2 cups flour
1/3 teaspoon soda
2 teaspoons ginger
1/4 teaspoon salt

Heat molasses to boiling point and pour over shortening. Add sifted dry ingredients. Chill, roll and cut into desired shapes. Bake in moderate (350 deg. F.) oven for 8 to 10 minutes. Yield: 36 cookies.

Butterscotch Slices

1 1/2 cups sifted flour
1 1/2 teaspoons baking powder
1/2 teaspoon salt
1/2 cup shortening
1/2 cup packed brown sugar
1/4 teaspoon vanilla

Mix and sift flour, baking powder and salt. Cream shortening and sugar, then add vanilla and egg. Stir in flour. Shape in roll about 2 inches in diameter. Wrap in wax paper. Chill thoroughly. Cut chilled roll in 1/8 inch slices; place on ungreased baking sheet and bake at 400 degrees F. for about 8 minutes. Makes 3 1/2 to 4 doz. cookies.

Hot-Water Pastry I

1/2 cup lard
1/2 cup boiling water
1 tsp. baking powder
1 tsp. salt
3 cups flour

Put fat in the mixing bowl and pour on boiling water. Add the salt and stir until the fat is melted and has an oily appearance. Add flour and baking powder, sifted together, all at once and stir vigorously until the mixture forms a smooth, large ball on the spoon and leaves the bowl clean. Chill until firm enough to roll out.

Hot-Water Pastry II

1/2 cup shortening
1/2 cup boiling water
1 teaspoon salt
3 cups flour

Put shortening in the mixing bowl, stir in hot water and salt and stir till shortening is melted. Add the flour mixing it in with a quick, cutting motion. Chill and roll out.

Fruit Cake

2 cups brown sugar, packed down lightly
1 1/4 cups hot coffee (or water)
8 tablespoons butter
2 pounds seedless raisins
1 pound seeded raisins, separated
1 teaspoon salt
1/2 teaspoon ground cinnamon
1/2 teaspoon (each) ground cloves and allspice
2 eggs
3 cups once-sifted pastry flour
or 2 2/3 cups once-sifted all-purpose flour
2 teaspoons baking powder
1 teaspoon baking soda
1 cup nutmeats (preferably blanched almonds)
1/2 cup slivered mixed peels

Simmer sugar, coffee, butter, raisins, salt and spices together for 5 minutes.

Let stand over night. Beat eggs until very light, add and combine well. Gradually work in flour, sifted twice with the baking powder and soda; include nuts and peel with last of dry mixture. Turn into one-pound coffee cans, which have been lined with 8 layers of greased heavy paper. Bake in slow oven, 300 deg., about 1 1/4 hours. Cool well before storing.

• • •

Rice Perfect Ration

RICE possesses the qualities of the perfect ration to a larger extent than corn, wheat, rye, oats, fat beef, lean beef, or potatos.

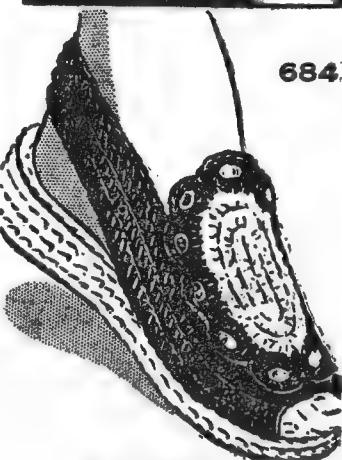
There are many winter desserts possible with rice as the basis. Here are a few suggestions that may add variety to recipes already known:

Rice Croquettes

Even the best of us get tired of the same meats served over and over, so it is well to find some different foods that will fill the same place on the menu and yet please the most fastidious person. Ham and rice croquettes fill this need nicely. Just mince some cold ham very fine and combine with cold, boiled rice and form into balls. Roll them in egg, then in flour and fry in deep fat.

• • •

Smart Footnotes



by Laura Wheeler

THESE colourful crocheted sandals and slippers, that you can make yourself, look smart with sportswear or in your bedroom. They're comfortable and wear like iron. Crochet them easily, the tops of rug cotton, the soles of rag. Pattern 684 contains directions for slippers in small, medium, large sizes.

Send twenty cents in coins (stamps cannot be accepted) for this pattern to Farm and Ranch Review, Needlecrafter Dept., Calgary, Alberta. Write plainly pattern number, your name and address.

Because of the slowness of the mails, delivery of our patterns may take a few days longer than usual.

• • •

Support the Red Cross

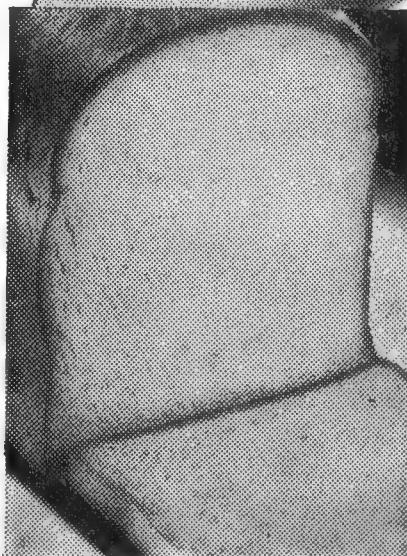
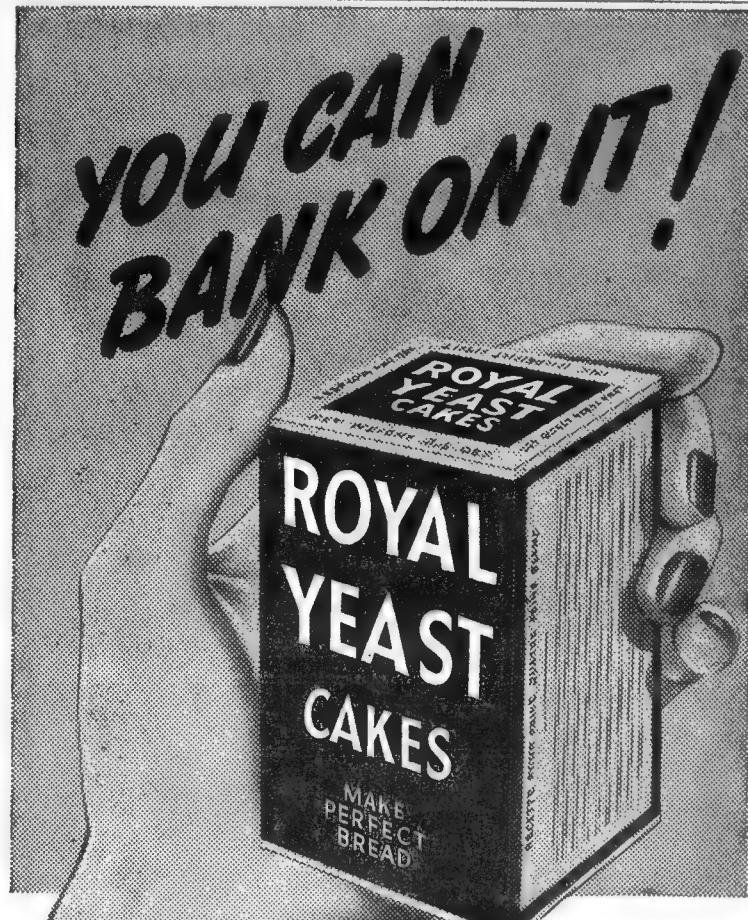
Escalloped Rice

This is a good modern way of fixing rice for a main dish:

Place a layer of hot, boiled rice into a buttered baking dish and cover it with a layer of minced onions, fine crumbs, grated cheese, pepper, salt, a little sugar, dots of butter and a little paprika. Add another layer of rice and continue in this way until the dish is filled. Add two cupfuls of tomato juice or as much as the dish will hold. Let the mixture bake for a half hour or more until it is a delicate brown. It is good served with baked fish.

Chocolate Rice Pudding

Will please most anyone. Soak four tablespoonfuls rice in two cupfuls cold milk for half an hour. Add one teaspoonful salt and cook in a double boiler until rice is tender. Add two tablespoonfuls butter, half a cupful sugar, two squares chocolate melted, one teaspoonful vanilla, two beaten yolks and half cupful cream. Pour into a buttered dish, cover with a meringue of the two egg whites, sweetened; brown in the oven and serve cold.



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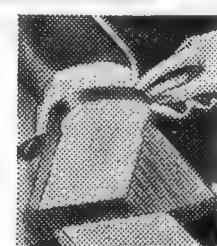
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101 " " " " C	117 " " " " G
105 " " " " D	156 " " " " H

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Farm Lantern Speaks Up

HELLO, FOLKS:—

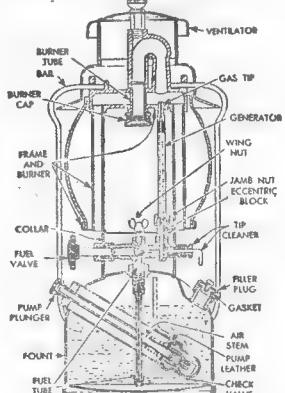
Sometimes I think I'm the forgotten man around the farm where I hang out . . . and where I hang in, too! For hours on end these long winter nights, the boss needs the light of me to see what he's doing, indoors and out. What with his two sons in the Navy and the hired man in a munitions plant, the boss has quite a time. In the winter he works as many hours when it's dark as he does when it's daylight.

That's where I come in, too—Boy, do I really turn on the light—especially when I'm feeling good.

But sometimes I don't have that old brilliance and sparkle. I wish I could tell the boss that if he'd give half as much thought about what he pours into me and about how he treats me, as he does to those curly-tailed hogs, I'd beam all over the place. Maybe if I could grumble and grunt some of the time, like those hogs do all the time, I'd get a little more attention.

The boss is a smart fellow. He can take a tractor apart, set the timing gears, adjust the carburetor, and away she goes. He can fix the knotter on a binder or tinker with the radio. But when it comes to me . . . his lantern . . . he thinks I'm a mystery. He says I'm one of the most important tools on the farm. He admits he couldn't do without me. But because I really try to lighten his work for him and don't complain, he just takes me for granted.

Actually I'm a simple fellow, easy-going and easy to get along with. Some of my brothers have two mantles and some of us have only one. One branch of my family uses gasoline and another branch uses kerosene, but we all work on the same basic principle.



I wish the boss could see how simple I am inside. Here's what he would mind—I get fuel poured into my stomach or fount. Then some air is pumped in. This air pressure forces the liquid fuel up into my generator where heat from my mantle changes the liquid into vapour—just like water turns to steam when you heat it.

This vapour passes up through the tiny hole in my generator tip at high

speed. And here's something to remember—if there is anything in the fuel that shouldn't be there, such as ethyl lead or sediment, it stays right inside my generator and plugs it up—just like salt will plug up a steam boiler if you try to use salt water in it.

As the vapour passes up to my mixing chamber, it draws air up my air intake tube. This vapour and air mix together to form a gas similar to natural gas, which then passes down through my burner cap screen where it burns in a tiny blue flame inside my mantle.



How times change . . . your ancestors probably wore mantles . . . mine didn't. Some of your ancestors may have been hung from a beam like we are, but for a different purpose.

My present mantle is made of a mineral called Thorium, which gets "white hot" from the blue flame inside, and that's when I radiate my brilliant light.

Did you ever see black spots in front of your eyes? I get them on my mantle when my burner cap screen gets corroded and partly stopped up. My boss uses me night after night and he doesn't seem to realize that if he would check me over periodically and give me a good cleaning out, I would do a better job for him. Any obstruction in my air intake tube, mixing chamber or burner cap cuts down on my air supply, and I need air just as much as you do. Sometimes the boss uses me in the chicken house. The way they scratch up dust and lint would give anybody hayfever. Sure I work well in there and I sure do fool those chickens into thinking I'm the sun, but I need the lint and dust cleaned out of my air tubes once in a while.

Thousands of my brothers have joined up. You should read reports about them over in Africa, England, Italy and the South Pacific. They're helping to make those rising sun worshippers think it's almost sundown. They'll see the light in a way they won't like.

That's why new members of my family are scarce. That's why the boss should give me a little extra care. I don't need much care—ever. Just a little common sense and understanding goes a long way.

Right here I'd like to let anybody know how easy it is to keep fellows like me in good working order.

First, there's Doc Hardware at the store in town. When I was ailing last Fall he fixed me up in a jiffy. Yes, sir!

Then there's my home folks, The Coleman Lamp and Stove Co., Ltd., Toronto. They want to help. Anybody who has a service problem should write them all about it. Make sure they know which model it is and they'll send detailed instructions and a 12-page Service Booklet (free) which tells "How To Make It Work Like New".

It's time to do the night chores and the boss needs me to light the way, so you'll be seeing me if you're over this way. Yours, etc., A Goodlight.

• • •

HALF-SHELL POTATOES

POTATOES on the half shell with variation: Mix two cups of minced cooked ham with chopped pickle, chopped parsley, minced onion and half a cup thick white sauce. Fill bottom half of potato shell with ham mixture, and top with fluffy mashed potatoes. Grated cheese on top is the crowning glory. Bake about 20 minutes in hot oven.

"Our Family Regulator is DR. CHASE'S KIDNEY-LIVER PILLS"

Russian Artist



ANNA MARLY,

Russian composer and singer, whose songs of the Russian guerrillas, of Freedom and Victory, are now being sung by the fighting men of the Soviet Union, took part in a special edition of the British Broadcasting Corporation programme, Freedom Club. This edition was in honour of the Soviet Union.

Freedom Club is a radio meeting place for men and women exiled or escaped from the Nazi-occupied territories of Europe. Invariably each programme is dedicated to the National Day of one of the occupied countries. Many of these exiles have to be nameless for security reasons. Some of them have told remarkable and moving stories at the microphone. A number of happy re-unions have taken place at the Club between old friends.

Oatmeal Nutritious

THE great Samuel Johnson evidently had a poor opinion of oatmeal porridge. Oats, he said, we feed to horses in England, but in Scotland they support the people. And Boswell retorted: Yes, but where can you find such horses as in England, or such men as in Scotland.

Though connoisseurs of food, Johnson and Boswell were ignorant about nutrition and Johnson frequently suffered from illness caused by faulty diets. Nevertheless Boswell was also to the mark when he attributed the sturdiness of the Scots to their liberal use of oats.

The crofters of Scotland in those days did, indeed, subsist largely on oats. Oatmeal porridge made their morning and evening meal and oatcakes were their only form of bread. The oats provided them with energy, with important minerals and with generous amounts of the important vitamin thiamin or B₁, in which our modern diets are all too often deficient.

We would be a better nourished nation if everyone started the day with a bowl of oatmeal or other whole grain cereal, says Dr. L. B. Pett, director of Nutrition Services at Ottawa.

Too many Canadians skimp on breakfast and when this important meal does not carry its share of the health protective foods, it is difficult to get all that is required in the other two meals.

Houseplant Care

WATER plants properly. Keep soil moist but do not overwater.

Keep leaves of plants free of dust and dirt. You may wash smooth-leaved plants, brush those with hairy, fuzzy leaves.

Turn plants regularly so all sides receive equal light.

Remove all dead or damaged leaves. Good sanitation reduces the danger from disease and insects.

Feed your plants with a complete balanced plant food. Either powder or tablet form may be used.

Air the room daily, but do not allow drafts to come in direct contact with plants.

Keep the air moist. Suggested methods: Pans of water on radiators, or other types of humidifiers; troughs filled with gravel, partly filled with water, so that pots will sit on gravel without allowing roots of plants to rest in water.

Keep the temperature moderate. Plants thrive best in a temperature below 70 degrees.

Did you ever sow grapefruit, orange, or lemon seeds in a pot, and watch them develop? These and the other more commonly grown house plants require very little care and will thrive with very little expenditure of your time.

INTERDEPENDENT PEOPLES

WE of this generation, who are privileged to help make a better world for ourselves and for posterity, should remember that, while we must not be visionary, we must vision so that peace should not be punitive in spirit and should not be provincial or nationalistic or even continental in concept, but universal in scope and humanitarian in action, for modern science has so annihilated distance that what affects one people must of necessity affect all other peoples.—Madame Chiang Kai-shek.

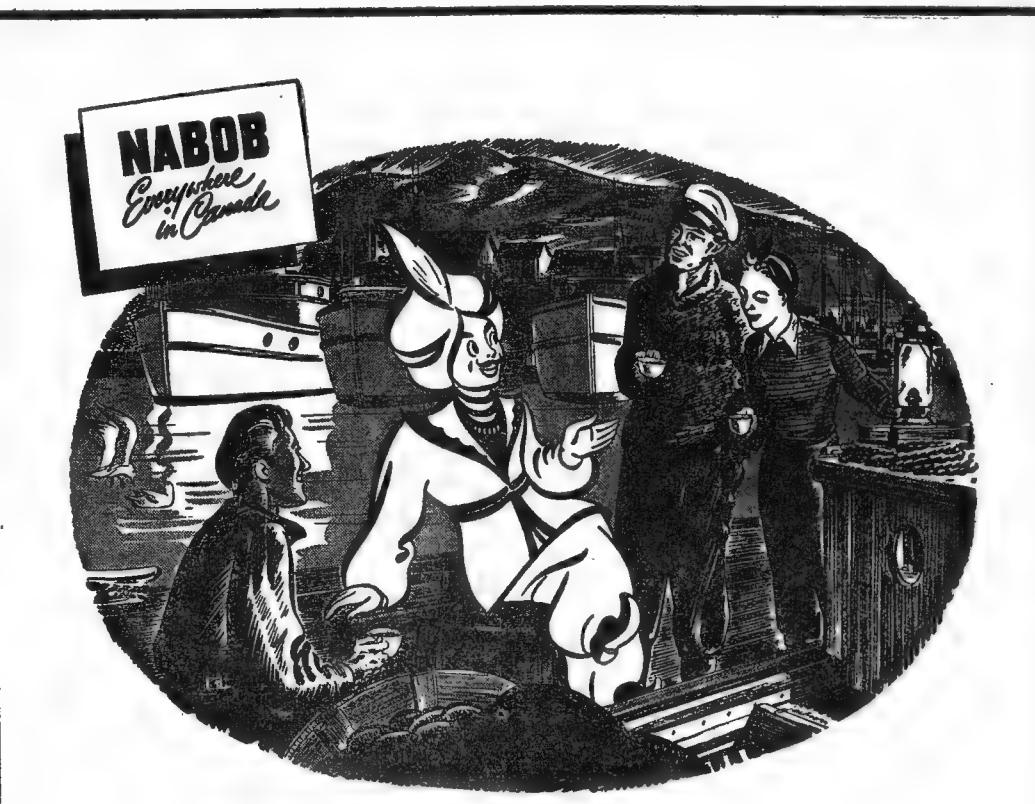
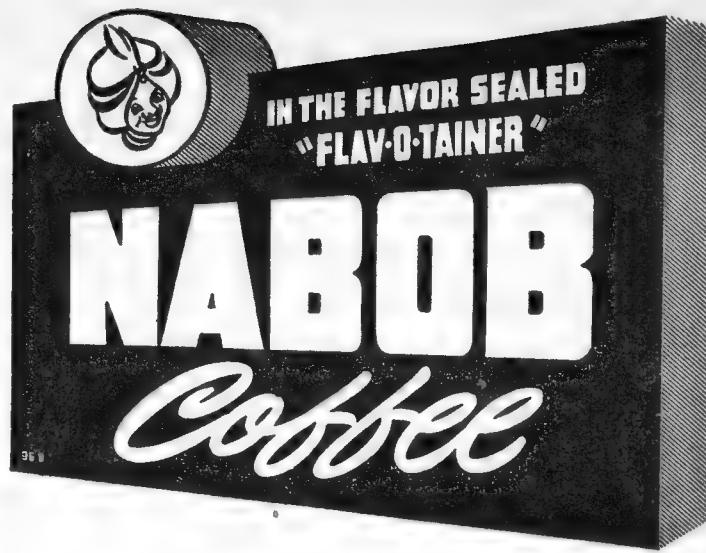
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NOTE FOR SHOPPERS

INCREASED value of D coupons for jams, jellies, preserves, honey and maple syrup does not allow alternative increase of sugar purchase. D coupons still buy one-half pound of sugar per coupon.

• • •

To freshen salt fish, soak in sour milk.



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War Heroes



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Who enlisted in the Royal Canadian Navy in July, 1940. Leading Seaman Binnie took part in prolonged engagements with U-boats while on convoy duty in the North Atlantic, and was awarded the British Empire Medal for performing his duty with certainty of precision which led to the sighting of five U-boats on five occasions, thereby contributing to the saving of merchant ships.

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to war
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And Build Up Resistance Against It!
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Pinkham's Compound is so helpful to relieve such distress because of its soothing effect on one of woman's most important organs. Taken regularly—it builds up resistance against such symptoms. Also a fine stomachic tonic! Thousands upon thousands helped. Made in Canada.

Plan Your Children's Share of Housework

By SARA E. NELSON

THERE are few children who hanker for a dish-washing job: but many mothers are greatly to blame for this. It is neither necessary nor kind to eternally tie any child to a dishpan.

This fact was brought home to me very forcibly lately while visiting in a household that had six lovely children ranging from six to 16 years of age. Each child was expected to do regular tasks about the house, yet every child (right down to the tiny tot) had some

voice in closing the work he wished to do. On Saturday morning the mother held a "council". On the children's blackboard she wrote the list of chores that had to be attended to the following week. Each youngster spoke for certain specified choices and his or her initials were affixed to that duty. Naturally the less-obnoxious jobs were grabbed off first . . . but there was a comradely spirit of good sportsmanship shown by all.

For instance they readily agreed whereas Minnie and Kate had done the dishes last week, it was only fair that Mable and Vera should take on the job this week. And so it went. Only a few minutes were consumed in mapping out the schedule and getting it all down in black and white, but it was time well spent.

It is all too often merely "the easiest way out" when mother says, "Mary, you do the dishes". If Mary has been hearing that request every day for months on end she is fed up on the job . . . and who wouldn't be? It would be almost music to her ears if Mary's mother asked, "Please tidy and dust the living room while I do the dishes".

Frank Question

Instead of saddling the dish-washing job onto the young Mary's and Susie's of the home, why don't their mothers honestly face the question, "How can I best prepare my children to wait on themselves and cause others the minimum of bother after they leave home"?

It has always been my firm belief that one of the most important things we can teach our children is to keep their clothes and all their personal belongings tidy and in their proper places. And to make their beds neatly! Three years old isn't too young to teach a child to put his or her toys and clothes away. Six years old isn't too young to teach him or her to help make the beds. Begin it as a game and let them make one side of several beds first smoothing and folding the covers "just like mother". Later they can successfully manage the bed without help. If all the children in a household are held responsible for the care and tidying of their rooms then mother won't mind doing the dishes alone oftener.

For after all when the young folks leave home and board out, their land-ladies won't expect them to dig in at the dishes right off. But if they leave order and neatly-made beds in their wake, blessings will be called down upon their heads. Or rather on the heads of the wise mothers who taught them the priceless attribute of personal neatness.

Booklet on Education

A NEW booklet, Radio Broadcasts to Saskatchewan Schools, was sent, in January, to all schools on the mailing list of the audio-visual branch of the department of education, and will be sent to other schools upon request, officials of the audio-visual branch said recently.

The booklet was prepared to help teachers obtain the greatest possible benefit from the educational broadcasts presented each school day from 2:00 to 2:30 p.m., over all radio stations in Saskatchewan, except CBK through the facilities of the Canadian Broadcasting Corporation and through the courtesy of the privately-owned stations. It gives a complete programme of broadcasts and offers suggestions to enable the teacher to correlate the lessons taught by the broadcasts with work done in the classroom.

Activities for use before and after the radio programmes are suggested. Officials of the audio-visual branch believe that the new booklet will give an added value to the increasingly popular educational broadcasts.

TO protect carpets . . . sprinkle often with salt and work it into the nap. Enough will adhere after use of the vacuum to prevent moths from working in.



Our mixture of House Plant Seeds comprises 15 or more varieties and has been specially prepared to give a range of widely contrasting types, all easily grown in the house. We cannot give a list of varieties or undertake to include any particular sort as the list changes from time to time. A real money-saver for anyone wanting lovely House Plants. Plant now. (Pkt 15c) (2 Pkts 25c) postpaid.

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DOMINION SEED HOUSE, GEORGETOWN, ONT.



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no woman
should be denied!

SAFE NEW WAY IN
FEMININE HYGIENE GIVES
Continuous Action
For Hours!

It is appalling that so many women still risk happiness—even health—because they do not have the up-to-date facts about modern feminine hygiene!

Many who think they know, have only half-knowledge! And so, they make the mistake of relying on weak ineffective home-made mixtures. Or worse, they risk using over-strong solutions of acids, which can easily burn and injure delicate tissues.

Today, well-informed women everywhere rely on Zonitors, the new safe convenient feminine hygiene way!

Zonitors are dainty, snow-white suppositories! Non-greasy. They spread a protective coating and kill germs instantly at contact. Deodorize, by actually *destroying* odor, instead of temporarily "masking" it. Give continuous action for hours!

Powerful, yet so safe for delicate tissues! Non-poisonous, non-burning. Zonitors help promote gentle healing. No apparatus; nothing to mix. At all drugstores.

FREE: Mail this coupon for revealing booklet of intimate facts, sent post paid in plain envelope. ZONITE PRODUCTS CORPORATION LIMITED, Dept. F.R.2, Ste-Thérèse, Que.

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TAKE TIME

TAKE time to live. That is what time is for. Killing time is suicide. Take time to work. It is the price of success. Take time to think. It is the source of power. Take time to play. It is the fountain of wisdom. Take time to be friendly. It is the road to happiness. Take time to dream. It is hitching your wagon to a star. Take time to love and be loved. It is the privilege of the gods. Take time to look around. It is too short a day to be selfish. Take time to laugh. It is the music of the soul. Take time to play with children. It is the joy of joys. Take time to be courteous. It is the mark of a gentleman.

—Santa Fe Magazine, Chicago.

Use Apples

FOR many years we have been taking the Canadian apple for granted. Not so this year! The apple will be in first place instead of being just a fruit filler-in when bananas, peaches, plums and apricots are scarce.

The price of apples as yet is not low and due to poor crops in some parts of the country is not likely to go down further. Even so, apples are our cheapest fruit, and like no other Canadian fruit are in season throughout the year, particularly so at Christmas-time.

Apples should be firm, well coloured, tart flavour, and medium size. They may be bought by the pound, dozen or bushel. You will find it most economical to buy the fruit in large quantities. They can be stored in a cool, moist

place, after all the bruised and decayed fruit are removed. It is best for economy's as well as flavour's sake to buy each variety at its proper season. You should also consider whether the apple is to be served raw or cooked as they vary in flavour and texture. The varieties excellent for cooking are Duchess, Gravenstein, Blenheim, Greening and Northern Spy. These apples in the order given are in season, each for a couple of months, from August until March. Those excellent for eating are McIntosh, Snow, Delicious, Tolman Sweet, Melba.

Although apples cannot replace the vitamin C rich citrus fruits and tomatoes, nevertheless they are valued for their vitamin and mineral contribution to the diet. They are comparable to white peaches, pears, bananas.

I know you will have many favourite recipes for serving apples cooked, so to-day I am going to stress ways of serving the apple raw. First of all you must remember to marinate the cut portions of apple with lemon juice to prevent discolouration. For optimum vitamin retention you should not expose the cut fruit to the air for any length of time.

Raw apples may be used in combination with other foods to make appetizing salads. Diced apples, celery, walnuts and salad dressing makes the well-known Waldorf salad. Or you may combine diced bananas, oranges, apples and stoned cherries with dressing for a fruit salad. A side salad of diced apples, cubed cheese and walnut meats blended together with mayonnaise dressing would add colour and flavour to a special occasion dinner.

RESTORING MATTRESS

PLACE a stained mattress in the sun and cover the spots with a thick paste made of starch and cold water. Allow this mixture to remain an hour or so; then scrape off and repeat the process if necessary. This treatment proves more effective if done while the stain is fresh.

Make Linens Last

LINENS and their sister fabrics, cottons and rayons which are often used in weaving household linens these days, need care. Making them last is one of the busy homemaker's many war jobs. The more linens saved, the fewer will have to be made, and the more men, machines and materials will be released for vital war work.

Here are some suggestions from Vera Richards Macdonald, of the women's branch, extension service, Alberta Department of Agriculture:

1. Stop practices that tend to wear linens out, e.g., absentmindedly marking the table cloth with a knife or fork which weakens the fibre so that a break will occur when laundering. Creases, too, should be avoided. Tablecloths, napkins and sheets generally wear out where creases have been ironed into them. Simply fold after ironing, and where a centre crease is necessary change the fold with each ironing and make the other by hand. Don't iron turkish towels; they will not absorb moisture as well—just shake these when hanging to dry and again when folding to make soft and fluffy.

2. Wash carefully—avoid strenuous rubbing and washing soda or strong bleaches in very hot water. Keep them white by hanging to dry in the sun. If you must use starch, use it sparingly as linen fibres may crack if starched too stiffly, or if allowed to freeze while drying.

Stains should be removed before allowed to "set". Cold water will remove most of them while hot water may set them.

3. Repair small holes and frayed edges before laundering.

4. If stored away for some time, linens keep best where it is cool, dry and dark. Wrap in tissue paper or old sheeting. Dark blue paper is good for storing white linens.

5. Pile linens in use so that freshly laundered ones are at the bottom of the pile—they will all wear equally and have a chance to make a come-back after using.

Women Render Aid

SOME of women's accomplishments in capacity as organized advisory committees to the Consumer Branch, Wartime Prices and Trade Board include, provision for obtaining rations for soldiers on short leave; fixed maximum prices for beef, veal and lamb; rationing of evaporated milk for babies; ceiling prices on domestic and imported fresh fruits and vegetables; allowance for sharing rationed goods among neighbours; standardization of glass containers, and prohibition of conditional sales.

This was emphasized by representatives of women's regional advisory committees throughout the west, upon their return from a national conference led by Bryne Sanders, Consumer Branch director at Ottawa.

Women's advisory committees all across Canada represent 14,000 volunteer women studying price control information, organized to fight against inflation, and in turn, channels for consumer needs and opinions back to the Prices Board in Ottawa.

At the Ottawa conference resolutions pledged confidence and support of the price control programme under Hon. J. L. Ilsley and Chairman Donald Gordon, and urged continuance of controls if necessary in the period of post-war re-establishment. Further, the women asked more severe penalties for infractions of wartime regulations; grading stamps on all cuts of beef; pressure cookers in processing foods; more low-heeled shoes for growing girls and supply of elastic.

Mrs. Anne Flory, of Washington, D.C., represented the American OPA at the conference at which 32 national presidents of Dominion-wide organizations were also present.

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baking success. Three generations of Canadian Home makers have found that baked dishes made with dependable Magic just can't help having finer, lighter texture—delicious flavor.

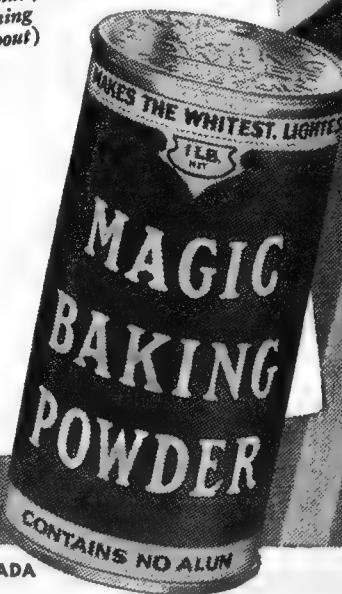
Magic costs less than 1¢ per average baking. Get Magic today—and have delicious homemade biscuits tonight.

MAGIC MOLASSES BISCUITS

2 cups sifted flour
4 tpsns. Magic Baking Powder
1/2 tspn. salt
2 tbspsns. sugar

1/2 cup chopped nuts, any kind
4 tbspsns. shortening
2/3 cup milk (about)
1 cup molasses
1/4 cup water

Mix, sift first four ingredients. Cut in shortening until mixed. Slowly add milk to make soft dough. Roll 1/2-inch thick on lightly floured board; sprinkle with 1/4 cup nuts. Roll as for jelly roll. Cut in 1-inch slices. Mix molasses and water and pour into well-greased layer cake pan. Sprinkle with remaining nuts. Place biscuits on top, cut side down. Bake in hot oven (425°F.) about 35 minutes. Turn out immediately. Makes 10.



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RECTION, CHIROPRACTORS, 27 Canada
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W. Leghorns		13.00 14.00
W. Leghorns		26.00 28.00
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Leg. Pullet	27.00 30.00
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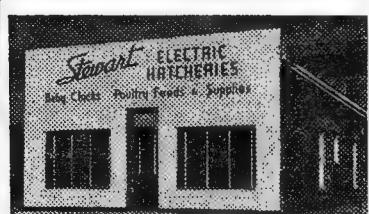
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MORE PAY FOR THE SAME WORK—that's what you should get when you start your season with chicks of known breeding backed by a hatchery that keeps its customers—and gets new ones—year after year. That kind of a start lessens risk, saves waste of feed and work, gives you a better chance to get good pay for your labour and a just profit on your investment. Tweddle chicks are Government Approved stock from blood-tested breeders of known huskiness, health and productivity. We offer all the best-liked breeds and excellent cross-breds. Hatches 5 days a week. Prices lowest consistent with high quality. Individual attention to every shipment. Get the right start—start early. Send for the Tweddle catalogue and shipping dates. Also laying and ready-to-lay pullets for immediate delivery. Tweddle Chick Hatcheries Limited, Fergus, Ontario.

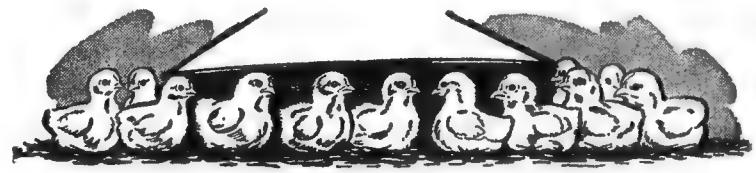
How To Have SUCCESS with Baby Chicks by Ful-O-Pep

The Quaker Oats Company of Canada Limited offers you a few simple rules which should increase livability in the Brooder House—and help you get better results with this year's flock of chicks.



1 Prepare brooder house well in advance of time needed. Check for drafts, repair any loose window frames; clean and disinfect floor and walls. At least three days before you expect that first fine batch of fluffy baby chicks—start fires going, and get the place thoroughly warmed and dry:

2 Keep a watchful eye on brooding temperatures. Possibly more losses have been caused by overheating, than for any other reason. The first few days the temperature should be around 90°, and then should be lowered about one degree a day. However, the way your chicks behave is the best indication of whether it's too hot or too cold. If temperature is right, chicks should be active during the day—and will settle down for the night in a ring about 6 inches out from the hover:



I GOT THE OLD SQUEEZE-PLAY!



3 Avoid overcrowding. Too many poultrymen measure the size of the brooder house by the number of baby chicks they can crowd under the stove. As a result, overcrowded conditions occur when the birds are half-grown and they develop unevenly. Allow 60 square inches for every chick. There's no great saving of labour and a real money loss in trying to grow two chicks where one should be. Separate the cockerels from the pullets as soon as possible, too:

4 Don't delay about feeding chicks on arrival. Sprinkle a little grain about the very first thing. To teach chicks to distinguish between feed and litter, cover litter with several layers of paper. (One layer can be removed each day and this saves labour in cleaning up.) Feed fine grain and grit the first two days and then sprinkle a little grain on the Ful-O-Pep Chick Starter in the hoppers. Be sure to allow enough hopper space so all chicks can eat at once—at least 1 1/2 inches per chick. Your authorized Ful-O-Pep dealer will be glad to give you MORE information on the economical Ful-O-Pep Rearing Plan that has raised so many egg-laying champions, year after year! So see him soon!



Ful-O-Pep mash and sack have been temporarily changed to comply with Government Wartime Regulations.

The Quaker Oats Company OF CANADA LIMITED

Makers of Quaker and Ful-O-Pep Livestock and Poultry Feeds
PETERBOROUGH, ONT. SASKATOON, SASK.

PLUGS FOR THE TRUCKS OF CHINA

WHEN you learn of fresh action on the China front, you can be sure that motorized equipment is "in there—pitching." And, it must get through. Thousands of the trucks are equipped with the same make of spark plugs and fuel pumps which has served so well, so long. They wear the AC emblem, which is known as a symbol of good engineering, trustworthy performance, and precision manufacturing.

Conservation HERE Means Victory Over THERE

In order that military vehicles, planes, and ships may have all the AC Spark Plugs and other products needed, we here at home, cannot have as many.

In the panel below, is the brief story of the care these devices require. Use it—faithfully—to conserve your transportation by keeping your AC devices in condition. When replacement is necessary, select AC—for continued satisfaction.

SPARK PLUGS—Dirty or worn plugs waste up to 10% on gas. They also cause hard starting, weaken your battery. Have your plugs cleaned and adjusted every few months.

AIR CLEANERS—A dirty air cleaner chokes down the flow of air into the carburetor. Your air cleaner should be rinsed whenever your car is lubricated.

FUEL PUMPS—Practically trouble free. But, if yours has been in use thirty or forty thousand miles, a check-up may be due.

DRIVING INSTRUMENTS—Speedometer, gasoline gauge, oil pressure gauge, ammeter, and temperature gauge seldom need service. But, if they give trouble, have them cared for *at once*.



Fuel Pumps



Driving Instruments

Other Well-Known Lines of UNITED MOTORS SERVICE

AC Fuel Pumps, Gauges and Speedometers • NEW DEPARTURE Ball Bearings • AC Oil Filters • HARRISON Thermostats • HARRISON Radiators • HYATT Roller Bearings • GUIDE Lamps • DELCO-REMY Starting, Lighting, Ignition • KLAXON Horns • PACKARD Cable • DELCO Shock Absorbers • DELCO Hydraulic Brakes

**UNITED MOTORS SERVICE DIVISION
OF GENERAL MOTORS PRODUCTS OF CANADA, LIMITED**

CLASSIFIED — Continued from Page 29.

PERSONAL

"FACTS ABOUT BIRTH CONTROL," booklet by Rev. A. H. Tyre, mailed postpaid for 10c coin. Also catalog of books on all subjects, novelties, specialties, etc. Western Distributors, Box 24GR, Regina.

MEN! REGAIN NORMAL, Manly Pep and Vigor! Try Vita-Perles Capsules, 50 for \$1.75; 100 for \$3.00. Western Distributors, Box 24JR, Regina.

RABBITS

RAISE ANGORA WOOL—Demand greater than ever. Unlimited cash market. Higher prices. Doroville strain Angoras are heaviest producers obtainable. Non-matting type wool, bred from Pedigreed improved stock. Rabbits for fur and meat—Flemish Giants, New Zealands. Send stamp for catalogue, or 25c for illustrated informative literature on raising Domestic rabbits. Reliable information for beginners. Doroville Rabbitry, Parksville, B.C.

RABBITS FOR SALE—SNOW WHITE ANGORAS and New Zealand white. Prices right. Shaw Rabbitry, Glenwoodville, Alta.

REAL ESTATE

100-ACRE, WELL ESTABLISHED FRUIT AND DAIRY FARM—Beautifully situated near Nelson, B.C.; assured market for fluid milk, apple and cherry orchard, small fruits, abundant water supply, good buildings, modern dwelling, electricity, phone; owner retiring requires substantial down payment. Write P.O. Box 490, Nelson, B.C.

20 ACRES—FINE, FULLY MODERN HOUSE, large packing house, good garage and outbuildings. 7/8 acres orchard, 4/5 Alfalfa, 2/5 garden, small fruits, young trees, etc. One mile from town. Price \$10,000.00; \$6,000.00 cash, balance terms. H. V. Hooper, Salmon Arm, B.C.

SADDLE WANTED

SADDLE—GOOD CONDITION. State make and number seat and bulge measurements, weight and price. Harrold Lockrey, Barry Hotel, Saskatoon, Sask.

STAMMERING

STAMMERING CORRECTED. FOR FREE, helpful booklet write William Dennison, 543-R. Jarvis St., Toronto.

STOVE PARTS

STOVE PARTS. COMPLETE PARTS FOR FIRE BOX, grates, linings, ends, grate frames. Grates and fire pots for heater and furnace. Blanchard Foundry, Saskatoon.

TOBACCO

5-POUND SAMPLE PACKAGE VIRGINIA, Burley, Zinmer and prior leaf tobacco, with recipes and flavoring. \$3 postpaid. Ruthven Tobacco Exchange, Ruthven, Ont.

TRACTOR PARTS

BUY TRACTOR PARTS NOW! Large stock, new or used. Quick service. Low Prices. No duty; free clearance. Canadian funds accepted, any amount. Inquire today, specifying parts needed, tractor make, model, year. Irving's Tractor Lug Co., Portal, N.D. "On the Border".

SEED

The Seed Grain Act Requires:

- 1.—That no seed grass or grain can be sold as seed until it is graded.
- 2.—That all advertisements quoting a price must give the grade.

We cannot accept ads. which do not conform to the requirements of the Act.

SELLING TIMOTHY SEED CONTAINING 5.95% Altaswede Clover. Grades No. 1 mixture. Cleaned and sacked, \$12.50 per 100. Order early, before supply exhausted. Henry Young, Millet, Alta.

PLACE ORDERS NOW FOR FORAGE CROP SEEDS—Hoodland Seed Co., Hudson Bay, Sask.

WASHER REPAIRS

MAYTAG WASHER AND ENGINE REPAIRS carefully done by trained mechanics. A full stock of parts on hand for Maytag repairs, also wringer rolls for most makes. The Maytag Co. Ltd., Calgary and Regina.

WRITERS

SONGWRITERS — SEND POEM FOR immediate examination and free Rhyming Dictionary. Richard Brothers, 18 Woods Building, Chicago.

● If your subscription to the Farm and Ranch Review has expired, a notice has been sent to you.

Please let us have your renewal by an early mail.

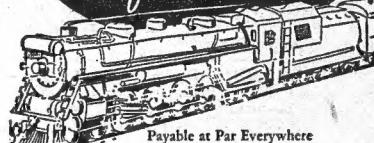


JUMBO CABBAGE

Largest Cabbage grown, some weighing 30 and some even 40 lbs. Unsurpassed for Kraut and table use. Very interesting to watch these monsters develop. Our sales of Jumbo Cabbage last season exceeded all others. (Pkt 10c) (oz 80c) postpaid.

FREE — OUR BIG 1944 SEED AND NURSERY BOOK — Best Yet 41W
DOMINION SEED HOUSE, GEORGETOWN, ONT.

Send Money by
CANADIAN NATIONAL EXPRESS Money Order
Safe Convenient



CANADIAN NATIONAL RAILWAYS STATIONS and EXPRESS OFFICES

Men, 30, 40, 50!

Want Normal Pep, Vim, Vigor?

Try Ostrex Tonic Tablets. Contains tonics, stimulants, iron, vitamin B₁, calcium, phosphorus; aids to normal pep, vim, vigor, vitality after 30, 40, or 50. Introductory size only 35c. If not delighted with results of first package, maker refunds low price. At all druggists. Start taking Ostrex Tablets today.

Rupture Troubles Ended

Thousands healed by our advanced method. No leg straps, no elastic, no plasters. No pressure on hips or spine. Flexo pad. Different from all others. Endorsed by doctors, mechanics, clerks, everywhere. Very light. **INEXPENSIVE, GUARANTEED**. Write for information and trial offer.

SMITH MANUFACTURING COMPANY
Established 1893. Dept. D-98, Preston, Ont.

MOUSE-COP

The New and BETTER MOUSE KILLER

No mixing, muss or fuss, Safer than pastes or powders, easier than traps.

ONLY 25¢
YOUR DEALER OR MAIL POSTPAID
FAIRVIEW CHEMICAL CO. LTD.
REGINA

HEAD OFF THAT COLD!

Check colds in a hurry with Grove's Cold Tablets. They're a multiple medicine. They contain EIGHT ACTIVE INGREDIENTS carefully blended to give you an effective internal treatment that goes right to work on the trouble. These eight active agents work not just one way, but these FOUR IMPORTANT WAYS: 1. Act as a gentle laxative. 2. Combat cold germs in your system. 3. Relieve headache and grippy feeling. 4. Help tone up the system. Do as millions do. At the first hint of a cold, take Grove's Cold Tablets and get this FOUR-WAY RELIEF. Get Grove's Cold Tablets today. The genuine comes in a white box.

For extra economy get large size

GROVE'S



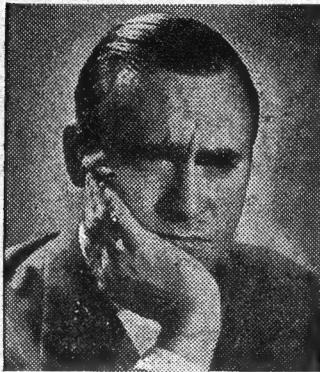
COLD TABLETS

Help Kidneys If Back Aches

Do you feel older than you are or suffer from Getting Up Nights, Backache, Nervousness, Leg Pains, Rheumatic Pains, Burning, scanty or frequent passages? If so, remember that your Kidneys are vital to your health and that these symptoms may be due to Kidney and Bladder troubles—in such cases **Cystex** usually gives prompt and joyous relief by helping the Kidneys clean out poisonous excess acids and wastes. You have everything to gain and nothing to lose in trying **Cystex**. The iron clad money-back agreement assures a refund of your money on return of empty package unless fully satisfied. Don't delay. Get **Cystex** (Siss-tex) from your druggist today.

Cystex
Helps Fresh Kidneys

Support the Red Cross



Can't Eat— Can't Sleep!

When functional constipation hangs on and makes you feel miserable, nervous and out of sorts and you suffer from its symptoms—headaches, bad breath, upset stomach, indigestion, loss of sleep, lack of appetite, and your stomach feels crowded because of gas and bloat—get Forni's time-tested Alpenkräuter and take exactly as directed on label. More than a laxative, it is also a stomachic tonic medicine compounded of 18 of Nature's own medicinal roots, herbs and botanicals. Alpenkräuter puts sluggish bowels to work and aids them to gently and smoothly expel clogging waste; helps drive out constipation's gas, gives the stomach that splendid feeling of warmth. If you again want to know the joy of happy relief from constipation's miseries and comfort your stomach at the same time, get Alpenkräuter today.

If you cannot buy it in your neighborhood, send for our "get acquainted" offer on Alpenkräuter and receive—



FREE 60c Value— Trial Bottles of

FORNI'S HEIL-OEL LINIMENT—antiseptic—brings quick relief from rheumatic and neuralgic pains, muscular backache, stiff or sore muscles, strains and sprains. **FORNI'S MAGOLO**—alkaline—relieves certain temporary stomach disturbances such as acid indigestion and heartburn.

MAIL this "SPECIAL OFFER" Coupon—Now

Enclosed is \$1.00. Send me postpaid 11 oz. Alpenkräuter and free—60¢ value—trial bottle each of Heil-Oel and Magolo.

C.O.D. (charges added).

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Address.....

Postoffice.....

DR. PETER FAHRNEY & SONS CO.

Dept. C964-3KM

2801 Washington Blvd., Chicago 12, Ill.

256 Stanley St., Winnipeg, Man., Can.

Wit of the World

Determined Old Cuss

A SALESMAN was caught in a terrific rainstorm and was given refuge for the night at a farmer's home. Upon arising the next morning he saw that the water had risen to about a six-foot level in the front yard. As he watched, a hog house floated by, then a chicken coop, and a dead tree. Finally a derby hat floated by. Shortly afterward the derby hat came back only to go down again a little later. The salesman called the farmer and told him exactly about this phenomenon. "Oh! that's grandpa out there, I guess. He said last night 'come hell or high water I'm going to mow that lawn in the morning."

Some Definitions

COMMITTEE: A device for dividing responsibility and postponing action.

Old Maid: An unfound treasure.

Bachelor: A man who has lost the opportunity of making some woman miserable.

Monologue: An argument between a man and his wife.

Alimony: A fine levied on a man guilty of matrimony.

Diplomacy: The art of letting some one else have your way.

Expert: One who knows more and more about less and less.

The Perfect Man

A MAN went to a physician, complaining of prolonged headaches. The doctor told him to stop smoking. "I have never used tobacco in any form."

"Well, then, stop drinking."

"I am a total abstainer."

"Late hours, then, and fast women."

"I am always in bed by nine. I am a bachelor and live with my maiden sisters. Now, seriously, what causes my headaches?"

"I don't know," said the baffled doctor. "I guess your halo's pinching."

Preferred Jeep

DURING the formalities of induction, a Negro recruit down in the States was asked whether he preferred to serve in the Field Artillery or the Coast Guard. After a moment's thought, the coloured boy answered partly:

"Ah'll take de Field Artill'r'y—cause ef yuh is ridin' in a jeep an' it breaks down, why dere yuh is. But ef yuh is in a ship an' it sinks, where is yuh!"

Oratorical Too!

ALF: "My wife always gets historical when I stay out late at night."

Ralph: "Hysterical, you mean."

Alf: "No, historical. She digs up all my past."

Better Serve Tea

"I WON'T offer you a cocktail, Mr. Brown," said the hostess, "since you are head of the Temperance League."

"No, I am president of the Anti-Vice League."

"Oh, Well, I knew there was something I shouldn't offer you."

Apt Definition

HORSE sense is something a horse has that keeps him from betting on people.

Then Spill Again

SOME of the very busiest people in the world are only picking up the beans they spilled themselves.

Knew His Place

THE officer of the day entered the squadroom and found it empty except for a private who, stripped of his shirt and trousers, was lounging on a chair and smoking a pipe.

"Where's the sergeant of the guard?" demanded the officer, angrily.

"Gone across to the sergeant's mess to have a drink, sir," replied the private.

"And the sentries?"

"In the canteen, sir."

"Then, confound it, what are you doing here?"

"Me, sir?" was the reply. "I'm the prisoner."



"If it hadn't been for the RED CROSS we wouldn't be alive now"



"The Red Cross did another great job there . . ."

"I don't know what we would have done without Red Cross parcels . . ."

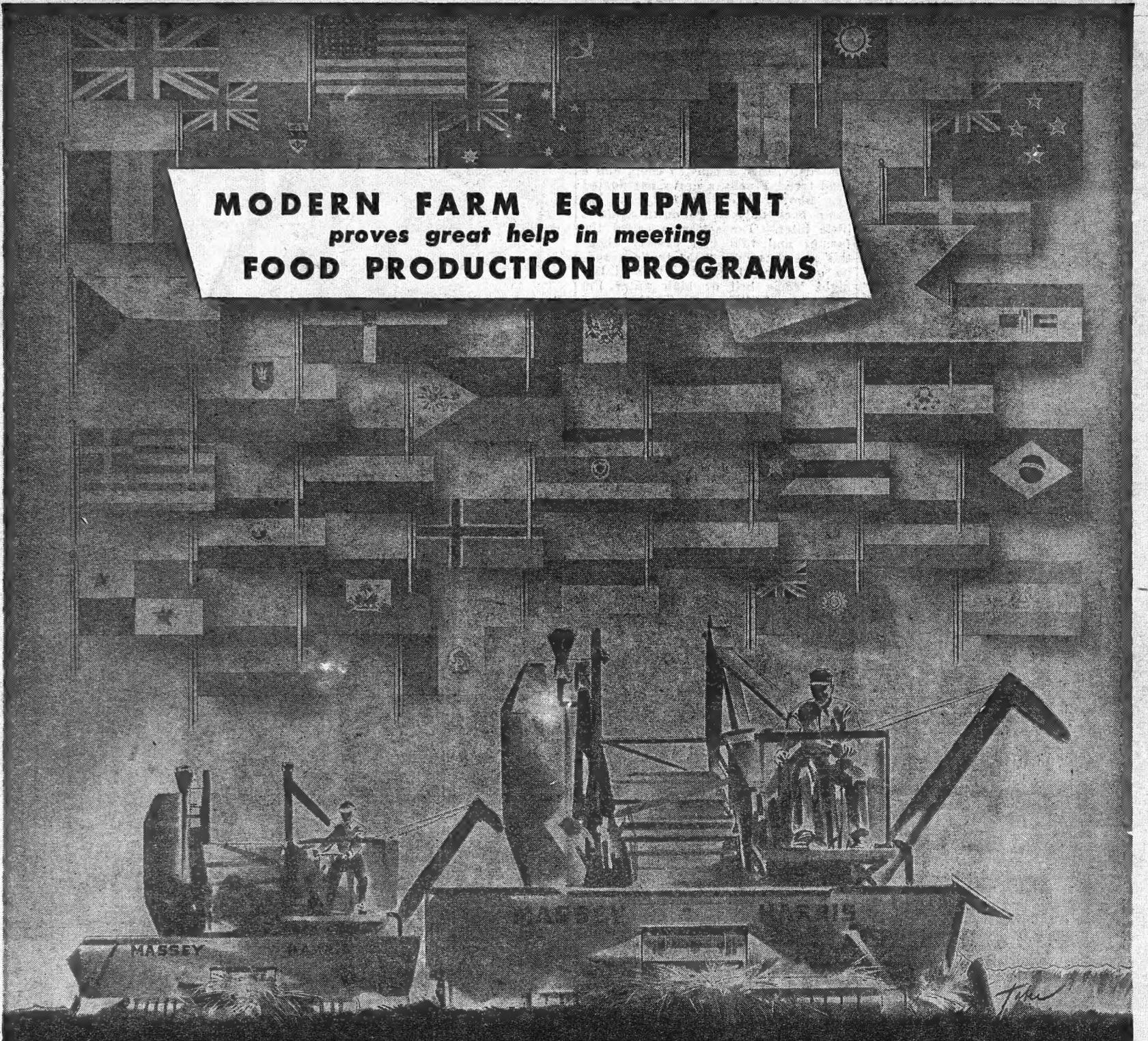
"It was the Red Cross parcels that gave us courage . . ."

HERE is evidence that cannot be denied . . . unsolicited praise for Red Cross straight from the hearts of repatriated war prisoners, men who have been through it and know from first hand experience just what it is all about.

Thousands of their comrades are still in enemy hands. Help Red Cross bring each one of them back with the same wonderful story to tell, a story of Red Cross light in the very shadow of death.

Over 39% of the money you give is earmarked for prisoners of war. Give generously that this amount will swell to meet the growing need. What we've done is small to what we've yet to do!

CANADIAN RED CROSS
The Need Grows as Victory Nears



MODERN FARM EQUIPMENT
proves great help in meeting
FOOD PRODUCTION PROGRAMS

MILLIONS OF PEOPLE now starving under enemy occupation yearn for the day of liberation—and with liberation will come hope for relief from the long-endured shortage of food. In providing the vast quantities of foodstuffs that will be required in the post-war period farmers will find, as they have found during the wartime years, that easily-handled, fast-working, efficient equipment is a great aid. Such equipment will play an important part also in speeding-up the rehabilitation process in those countries where machinery has been depleted due to the war.

The perfection of the Massey-Harris self-propelled combine has brought a new appreciation of the value of modern equipment in making harvesting easier and more profitable and has opened up possibilities for the development of other types of machines offering great advantages in the saving of time, labor and expense.

• • •
If you need new equipment for 1944 have your local Massey-Harris dealer make out your essentiality application form. Farm implements are still distributed under the government rationing plan—buy Massey-Harris and get the latest and best in design and quality.

MASSEY-HARRIS COMPANY, LIMITED
The Service Arm of the Canadian Farm

TORONTO - MONTREAL - MONCTON - WINNIPEG - BRANDON - REGINA - SASKATOON - SWIFT CURRENT - YORKTON - CALGARY - EDMONTON - VANCOUVER

"THEEX LIBRIS
UNIVERSITATIS
ALBERTENSIS**"REM"**

Prime Mover

...for the Nation's Fighting Farms!



Cultivation like this is an outstanding FARMALL job. Notice how the plants, even at this height, are not damaged by the equipment, yet cultivating is clean as a whistle.

It's **FARMALL**
THAT LEADS THE WAY **TODAY!**

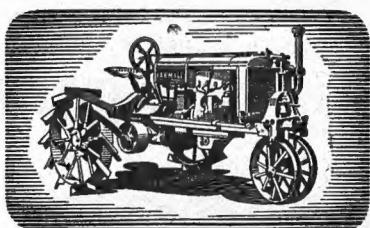
For more than four years this country has been arming, farming, and fighting its way to Victory. Canadian farmers are working as they never have worked before to supply all the food that is needed for the nation, for the Armed Forces, and for our Allies.

Tens of thousands of tractors and all the machines that go with them are a major resource of the Dominion. They are proof of the fact that between two world wars this country *armed its agriculture*.

The foundation of this wartime armor is the FARMALL SYSTEM, a way of power farming practiced by more farmers than any other method. The heart of this system is the sturdy FARMALL Tractor, the *prime mover* on power jobs throughout rural Canada. For twenty years it has been the most popular tractor for one basic reason. The FARMALL design makes possible the most efficient working units of machines and power for farms of every size and kind.

There will be more new FARMALLS this year, but still not enough to go around. Your International Harvester dealer will help you work out the most efficient way to raise more of the food that fights for freedom. He's your supply man for the entire FARMALL SYSTEM.

INTERNATIONAL HARVESTER COMPANY
HAMILTON of Canada, Ltd. ONTARIO



The Original Farmall - Born in 1923

20th Anniversary of the
FARMALL IDEA

This is the tractor that was designed at the start as the *power* half of an implement-tractor unit. Every improvement in 20 years of constant development has increased the efficiency of the implement-tractor team. Today the FARMALL leads because it powers the most productive mechanized team on farms everywhere.